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PLANT FOR *Profits*

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SQUARE BRAND RECLEANED HI-GERMINATING TESTED SEEDS SQUARE BRAND

Field, Flower and Garden Seeds
Poultry Supply Headquarters

SQUARE BRAND RECLEANED HI-GERMINATING TESTED SEEDS SQUARE BRAND

1935

MAGNOLIA SEED COMPANY

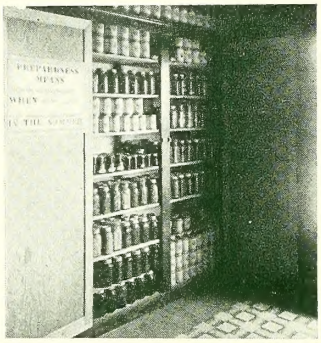
945 SOUTH LAMAR ST., DALLAS, TEXAS

Self-Sustaining
"Live-at-Home" Farms

It should be unnecessary for the average farmer to use his "profit crop" money for food supplies, other than staples. The first consumers of the farmer are his family and his livestock . . . after that his market. Here is a practical "live-at-home" program worked out for a family of five, on 25 acres:

Fortunate—

Is the farmer who has a family where every member "pitches in" and helps to fill the refrigerator, smoke house, pantry, feed bins and barns.

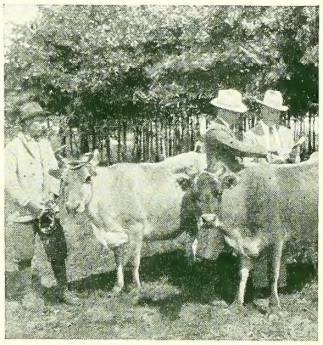


One-half acre in garden; one-half acre in orchard; a flock of 50 hens; 4 milk cows; 6 acres to Sudan grass in summer, small grain in winter; 12 acres in corn or grain sorghums; 4 acres in hay and ensilage crops; 2 acres for sweet potatoes, melons, cane for syrup, field peas and such crops.

Gardens and Orchards—

Should be made to produce enough vegetables and fruits to furnish fresh and canned food all the year.

Records kept on 28,646 Texas gardens, showed an average return of $61 per garden at a cost of $4.50 . . . . over 1300% return. Mature fruit trees produced from $17.50 to $50 per tree.



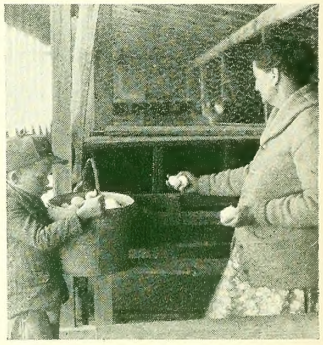
Dairy Cows and Home Raised Feeds—

There should be cows enough on every farm to furnish all the milk and butter needed, and a surplus to sell to the cream buyer.

Feeds and pasturage should be planned to fit stock—see page 28 for planting chart.

Poultry Flocks—

Every farm should have a flock of food and cash-producing poultry. Authorities tell us that flocks averaging 149 birds net about $1.70 cash profit each, outside of poultry products used at home. A nice little profit to come in regularly.



Yards with Flowers and Shrubs—

Last but not least . . . . farms where flowers and shrubs are used to beautify, are more liveable, attractive and much more prosperous looking. Real Estate men say a farm with improved yards and grounds has an actual sale value of at least 10% over the unimproved.

Live Well at *Home*

VISIT WITH US ON THE RADIO

Square Brand radio programs this year will come to you over Station WFAA each Saturday at 12:05 to 12:20 p. m. Make it a habit to tune in on these programs. The educational talks are for your information, and we try to have the entertainment features as pleasing as possible. Always glad to have suggestions about what you would like to hear.

ORDER SHEET

MAGNOLIA SEED CO.

Poultry Supply Headquarters

945 S. Lamar St. Dallas, Texas

Magnolia Seed Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees it sells, and will not be responsible for the crop.

Date.....19.....

Dear Sirs:

Please forward the following order by.....
(Freight, Express or Parcel Post)

Name.....
(Write Plainly)

Post Office.....
(Write Plainly)

Express Office.....

Shipping Point.....

County..... { Box No..... / R. F. D. No.....

State.....

For full instructions about ordering see our catalog.

PLEASE DO NOT WRITE HERE

Date Received.....

Date Filled.....

Filled by.....

Shipped by.....

Order No.....

AMOUNT ENCLOSED

Loose money is not safe unless sent by registered mail.

P. O. Order - - $.....

Express Order - $.....

Check or Draft - $.....

Cash - - - - $.....

Stamps - - - - $.....

TOTAL - - - $.....

YOU WILL SAVE 12c C. O. D. FEE ON ORDERS TO BE SENT PARCEL POST, BY SENDING IN THE FULL AMOUNT OF YOUR ORDER, PLUS POSTAGE, AT THIS TIME.

QUANTITY	ARTICLES WANTED	PRICE	
	TOTAL		

SPECIAL QUANTITY PRICE LIST

All prices subject to change without notice.

Field Seeds

January 1, 1935

APPLYING TO 1935 CATALOG

All terms, non-warranties, etc., printed in said catalog form a part of this Special Price List.

	Catalog Page	Prices Per Lb.—F.O.B. Dallas 1 lb.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
ALGERIA	26			(Ask)		
ALFALFA						
SQUARE BRAND	30	$0.30	$0.28	$0.27	$0.26	$0.25
Fancy		.28	.26	.25	.24	.23
Hairy Peruvian		.30	.28	.27	.26	.25
BARLEY	24			(Ask)		
BEANS	29					
Laredo Soy		.15	.12½	.11	.10	
Mammoth Yellow Soy		.15	.12	.09	.08	
Early Speckled Velvet		.15	.12	.10	.09	
Mung		.18	.17	.16	.15	
Pinto		.13	.12	.11	.10	
BROOM CORN	24	.20	.16	.15	.14	.13
BUCK WHEAT	24	.15	.10	.09	.08	

CANE	Catalog Page	Price Per Lb. 25 lbs.	50 lbs.	Price Per 100 Lbs. 100 lbs.	500 lbs.
Fancy Black Amber	26-27	$0.08	$0.07	$6.50	$6.40
Fancy Orange		.08	.07	6.50	6.40
SQUARE BRAND Red Top		.08	.07	6.50	6.40
Fancy Schrock Kafir		.10	.09	8.50	8.25

		Prices Per Lb. 1 lb.	10 lbs.	25 lbs.	50 lbs.
RIBBON CANE	27				
Japanese or Sugar Drip		$0.15	$0.12	$0.11	$0.10
Fancy Golden Rod		.15	.12	.11	.10

	Catalog Page	1 lb.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
CLOVERS	30					
Black Medic		.35	.33	.32	.31	.30
Bur Clover in Bur		.25	.23	.22	.21	.20
California Bur, Hulled		.37	.35	.34	.33	.32
Hop Clover		.32	.31	.30	.29	.28
Lespedeza, Japanese				(Ask)		
Lespedeza, Korean		.20	.18	.17	.16	.15
Lespedeza, Kobe		.20	.19	.18	.17	.16
Lespedeza Sericea		.45	.41	.40	.39	.38
Mellilotus Indica		.15	.14	.13	.12	.11
White Flowering Sweet		.18	.16	.15	.14	.13
White Dutch		.42	.41	.40	.39	.38

		Prices Per Wt. Shown Gallon (7 lbs.)	Peck (14 lbs.)	Bushel (56 lbs.)	4 Bushel Lots
CORN	25				
Bloody Butcher and Strawberry		$ .75	$1.25	$4.00	$3.90 Bu.
Chisholm Red Cob, Mexican June, Surecropper and White Wonder		.60	1.00	3.60	3.50 Bu.
Hickory King, Squaw, Red June			(Ask)		
Yellow Dent		.50	.90	3.35	3.25 Bu.
Northern Silvermine, White Pearl, Yellow Leaming and Reid's Yellow Dent		.50	.85	3.00	2.90 Bu.

		25 lbs.	50 lbs.	100 lbs.	500 lbs.
DARSO	26	$ .07	$ .06	$5.60	$5.50

	Catalog Page	Prices Per Lb. 1 lb.	10 lbs.	25 lbs.	50 lbs.
EGYPTIAN WHEAT (Shallu)	26	$0.13	$0.12	$0.11	$0.10
FETERITA	26				
SQUARE BRAND Spur		.12	.11	.10	.09
GROHOMA	26		(Ask)		

	Catalog Page	Prices Per Lb. 1 lb.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
GRASSES	22-23					
Bermuda, Square Brand		$0.35	$0.33	$0.32	$0.31	$0.30
Bermuda, Choice		.32	.31	.30	.29	.28
Carpet		.25	.23	.22	.21	.20
Dallis, Imported		.50	.48	.47	.46	.45
Johnson		.12	.11	.10	.09	.08
Kentucky Blue		.36	.35	.34	.33	.32
Mesquite, Velvet		.30	.25	.24	.23	.22
Rye, Italian (Domestic)		.15	.12	.11	.10	.09½
Red Top		.25	.23	.22	.21	.20
Rescue		.30	.26	.25	.24	.23
Rhodes		.50	.45	.44	.43	.42
PASTURE MIXTURES	23					
North & Central Texas		.28	.24	.23	.22	.21
E. Texas Sandy Upland		.30	.28	.27	.26	.25
E. Texas Black Lands		.30	.28	.27	.26	.25
E. Texas Moist Lands		.30	.29	.28	.27	.26
Bottom Lands, S. E. Texas		.30	.28	.27	.26	.25
Gulf Coast		.30	.29	.28	.27	.26

	Catalog Page	Prices Per Lb 25 lbs.	50 lbs.	Prices Per 100 Lbs. 100 lbs.	500 lbs.
GRASS, SUDAN	23				
SQUARE BRAND		$0.16	$0.15	$14.00	$13.90

		1 lb.	10 lbs.	25 lbs.	100 lbs.
HEGARI	26				
SQUARE BRAND		.06	.05	.04½	4.00
KAFIR CORN	26	.06	.05	.04½	4.00

		1 lb	5 lbs.	10 lbs.	25 lbs.
MANGEL WURZEL BEETS					
All Varieties	28	.45	.42	.40	.35

		1 lb.	10 lbs.	25 lbs.	100 lbs.
MILO MAIZE	26				
SQUARE BRAND Dwarf		.06	.05	.04½	4.10
Square Brand Double Dwarf		.06	.05	.04½	4.10
MILLET	24				
Big German			(Ask)		
Hog			(Ask)		
Pearl or Cattail		.15	.12½	.11	10.00
OATS	24		(Ask)		

		Prices Per Lb. 1 lb.	5 lbs.	25 lbs.	50 lbs.
PEAS	29-31				
Black Eye		.12	.10	.09	.08
Cream, Purple Hull and Brown Crowder		.15	.12	.11	.10
White Crowder			(Ask)		
Brabham, Whippoorwills, Clays and Mixed		.08	.07	.06½	.06

		1 lb.	10 lbs.	50 lbs.	100 lbs.
Austrian Winter Pea	31	.15	.10	.08	.07½
Canada Field Pea	31	.15	.10	.09	.08

		10 lbs.	25 lbs.	50 lbs.	100 lbs.
VETCH	31				
Hairy		.20	.19	.18	.17

		1 lb.	10 lbs.	25 lbs.	50 lbs.
PEANUTS	28				
Spanish, Hand Picked		.10	.09	.08	.07
Tennessee Red or Virginia Jumbo		.15	.14	.13	.12
RAPE	31				
Dwarf Essex, Holland		.20	.15	.12	.11
Dwarf Essex, Japan		.15	.12	.11	.10
SUNFLOWER	24				
Mammoth Russian		.20	.15	.13	.12
WHEAT	24		(Ask)		

ALL PRICES F. O. B. DALLAS.

WEEKLY RADIO VISITS

Every Saturday at 12:05 P.M. there is a Square Brand Seed broadcast over Station WFAA, Dallas, Texas. Its entertainment features are for your pleasure, and its educational talk is for your information. Please tune in for a visit with us. We shall be happy also to have any suggestions you may care to make on our entertainment and to answer any questions you may ask.

MAGNOLIA SEED COMPANY

945 SOUTH LAMAR STREET . . . . . DALLAS, TEXAS

MAGNOLIA SEED COMPANY

945 SOUTH LAMAR STREET . . . . . DALLAS, TEXAS

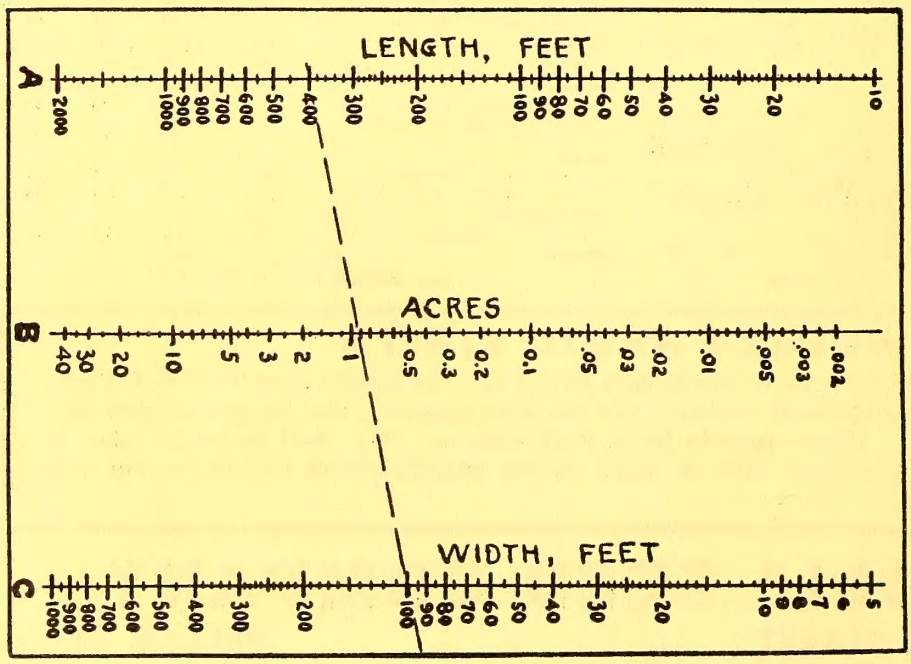
SPECIAL QUANTITY PRICE LIST
Garden Seeds

All prices subject to change without notice.

January 1, 1935

	Catalog Page	Prices Per Lb.—F.O.B. Dallas		
BEANS		1-4 lbs.	5-9 lbs.	10 lbs. up
Green Pod Bush Beans	2	$0.25	$0.20	$0.18
Wax Pod Bush Beans	2	.25	.20	.18
Pole Beans	3	.30	.25	.20
Fordhook Bush Limas	3	.45	.40	.35
All other Bush Limas	3	.30	.25	.20
Pole Lima Beans	3	.30	.25	.20
BEETS			1-4 lbs.	5 lbs. up
All Varieties	8		.85	.80
CABBAGE				
All Varieties	15		1.50	1.35
CANTALOUPE	19-20			
Golden Beauty Casaba			1.25	1.15
All other varieties			1.00	.90
CARROT	8			
Chantenay and Danver Half Long			1.50	1.40
Improved Long Orange			1.00	.90
COLLARDS	10			
All Varieties			.75	.65
CORN	5	1-4 lbs.	5-9 lbs.	10 lbs. up
Early Adams and Truckers Favorite		.30	.27	.25
Sugar Varieties		.40	.37	.35
		Gallon (7 lbs.)	Peck (14 lbs.)	Bushel (56 lbs.)
Other Sweet Field Varieties		.50	.95	3.25
		Prices per lb.		
POP CORN	5	1-4 lbs.	5-9 lbs.	10 lbs. up
All Varieties		.30	.29	.28
CUCUMBER	7		1-4 lbs.	5 lbs. up
All Varieties			2.50	2.40
EGG PLANT	4			
All Varieties			3.50	3.25
KALE	10			
All Varieties			1.00	.90
KOHL RABI	12		2.00	1.90
LEEK	16		2.50	2.25
LETTUCE	11			
New York			2.00	1.85
All other varieties			1.35	1.25
MUSTARD	10	1-4 lbs.	5-9 lbs.	10 lbs. up
All varieties		.65	.60	.55
OKRA	4			
All Varieties		.50	.45	.40

	Catalog Page	Prices Per Lb.—F.O.B. Dallas		
ONION	16	1-4 lbs.	5-9 lbs.	10 lbs. up
Bermuda		3.25	3.15	3.00
All other varieties		2.75	2.65	2.50
ONION SETS	17	.22	.21	.20
PARSLEY	11		1-4 lbs.	5 lbs. up
All Varieties			.75	.65
PARSNIPS	12		1.00	.90
PEAS	6	1-4 lbs.	5-9 lbs.	10 lbs. up
All Varieties		.21	.20	.19
PEPPER	14			
California Wonder and Chinese Giant		1-2 lbs.	3-4 lbs.	5 lbs. up
		5.00	4.90	4.75
All other varieties		3.00	2.90	2.75
POTATOES (Ask)	17			
PUMPKIN	19		1-4 lbs.	5 lbs. up
King of the Mammoth			.90	.85
All other varieties			.75	.70
RADISH	9	1-4 lbs.	5-9 lbs.	10 lbs. up
All varieties		.75	.70	.65
SPINACH	10	1-9 lbs.	10-24 lbs.	25 lbs. up
All Varieties		.40	.35	.30
SQUASH	4	1-4 lbs.	5-9 lbs.	10 lbs. up
Hubbard Warted		1.25	1.20	1.15
All other varieties		1.00	.90	.85
SWISS CHARD	10	.85	.80	.75
TOMATO	13-14	1-2 lbs.	3-4 lbs.	5 lbs. up
Early and Main Varieties		3.75	3.50	3.25
Small Fruited Varieties		5.00	4.75	4.50
TURNIPS	12	1-4 lbs.	5-9 lbs.	10 lbs. up
Purple Top White Globe		.45	.42	.40
Purple Top Strap Leaf		.45	.42	.40
Amber Globe		.45	.42	.40
Shogoin (Japanese)		.60	.55	.50
All other varieties		.55	.50	.45
WATERMELON	18			
Alabama Sweet		.65	.60	.55
Angel Kiss		.65	.60	.55
Georgia Rattlesnake		.65	.60	.55
Special Tom Watson		1.40	1.35	1.30
All other varieties		.90	.85	.80



Acreage Determination Chart

PRINTED THROUGH COURTESY OF "TEXAS CITRICULTURE"

You can quickly determine the acreage in any plot of ground through the use of this chart, and thereby purchase the correct amount of seed necessary.

Step off the length of your tract —and the width. Then lay a rule across the chart from the number of feet length to the number of feet width and the center line tells you the acreage in the tract.

For example, if your plot of ground is 400 ft. long by 100 ft. wide, place your rule as shown by the dotted line on the chart, then read the center line, from which you will find that you have 9/10 of an acre in the tract. If the shape of your land is triangular, you would divide the acreage shown on the center line by ½, which would give you the total acreage in the triangle.

SOMETHING TO SELL EVERY MONTH OF THE YEAR

Square Brand Vegetable Planting Table

Name of Vegetable	Seed for 50 feet of row	Distance Between Rows	Plants Apart In Row	Depth To Plant	TIME TO PLANT	READY TO USE
ARTICHOKE	1 oz.	3 ft.	2 ft.	1 in.	Feb. and Mar.	6 months
ASPARAGUS ROOTS	25-30	3 ft.	1½ ft.	6 to 8 in.	Feb. and Mar.	1 to 2 years
BEANS, Bush Snap and Lima	½ lb.	2 ft.	3 in.	1 in.	Feb. to April; Aug. to Oct.	6 to 9 weeks
BEANS, Pole and Lima	¼ lb.	3 ft.	12 in.	1 in.	Mar. to May; Aug. to Oct.	8 to 12 weeks
BEETS	1 oz.	1 ft.	3 in.	1 in.	Mar. to May; Sept. and Oct.	6 to 11 weeks
BROCCOLI	⅛ oz.	2 ft.	2 ft.	½ in.	Feb. to April; Sept. and Oct.	3 to 4 months
CABBAGE, Early	⅛ oz.	2 ft.	1 ft.	½ in.	Oct. to Mar.	3 to 4 months
CABBAGE, Late	⅛ oz.	2½ ft.	1½ ft.	½ in.	June and July	3 to 4 months
CABBAGE PLANTS	50	2 ft.	1 ft.	3 in.	Feb. to May; July to Sept.	2½ to 3 months
CANTALOUPE	½ oz.	4 ft.	Hills 3 ft.	1 in.	April to June	3 months
CARROT	½ oz.	1 ft.	2 in.	½ in.	Feb. to April; Aug. and Sept.	9 to 14 weeks
CAULIFLOWER	⅛ oz.	2 ft.	1 ft.	½ in.	Jan. to April; Aug. and Sept.	3 to 4 months
CELERY	⅛ oz.	2 ft.	6 in.	⅛ in.	Aug. to Oct.	4 to 5 months
COLLARDS	¼ oz.	20 in.	18 in.	10 in.	Sept. to May	3 to 4 months
CORN, Sweet and Sugar	½ lb.	2 ft.	2 to 3 ft.	2 in.	Feb. to April; July and Aug.	2½ to 3 months
CORN, Pop	¼ lb.	2 ft.	1 ft.	1 in.	April to July	3 to 3½ months
CUCUMBERS	¼ oz.	4 ft.	3 ft.	1 in.	Mar. to May; Aug. and Sept.	2 to 2½ months
EGGPLANT	1 pkt.	2½ ft.	1½ to 2 ft.	½ in.	Feb. to April	3 to 4 months
EGGPLANT PLANTS	25	2½ ft.	1½ to 2 ft.	3 in.	Mar. to May	2 to 3 months
ENDIVE	½ oz.	1½ ft.	6 in.	½ in.	Feb. to April; Aug.	3 months
HERBS	2 pkts.	1½ ft.	6 in.	½ in.	Mar. to May	2 to 3 months
HORSERADISH ROOTS	50	2 ft.	1 ft.	4 in.	Feb. and Mar.	1 to 2 years
KALE or BORECOLE	½ oz.	15 in.	4 in.	½ in.	Oct. to Mar.	3 to 4 months
KOHLRABI	¼ oz.	15 in.	4 in.	½ in.	Sept. to Mar.	2 to 3 months
LEEK	½ oz.	2 ft.	4 in.	½ in.	Mar. and April; Sept.	3 to 4 months
LETTUCE	½ oz.	1 ft.	8 in.	½ in.	Sept. to Mar.	2 to 3 months
MUSTARD	1 oz.	1 ft.	3 in.	½ in.	Feb. to May; July to Nov.	6 to 8 weeks
OKRA	2 oz.	3 ft.	1 ft.	1 in.	Mar. to May	3 to 4 months
ONION	½ oz.	1 ft.	2 in.	1 in.	Sept. and Oct.; Mar. and April	4 to 5 months
ONION PLANTS	150	15 in.	4 in.	2 in.	Jan. to May	3 to 4 months
ONION SETS	1 lb.	18 in.	3 in.	1 in.	Jan. to April; Aug. and Sept.	2½ to 3 months
PARSLEY	¼ oz.	1 ft.	3 in.	½ in.	Feb. to April; Aug. and Sept.	3 to 4 months
PARSNIPS	¼ oz.	1 ft.	4 in.	1 in.	Feb. and Mar.; Sept.	4 to 5 months
PEAS	½ lb.	2 ft.	2 in.	3 in.	Feb. and Mar.; Aug. to Oct.	6 to 9 weeks
PEPPER	1 pkt.	2 ft.	1½ ft.	½ in.	Mar. to June	3 to 4 months
PEPPER PLANTS	40-50	2 ft.	15 in.	3 in.	Mar. to June	2½ to 3 months
POTATOES, Irish	4 lbs.	2 ft.	1 ft.	4 in.	Feb. to April; July and Aug.	3 months
POTATOES, Sweet, Plants	30	2½ ft.	1½ ft.	3 in.	Mar. to July	4 to 5 months
PUMPKIN	¼ oz.	5 to 6 ft.	5 ft.	1 in.	April to June	3 to 4 months
RADISH	1 oz.	1 ft.	2 in.	½ in.	Sept. to May	3 to 6 weeks
RHUBARB or PIE PLANT ROOTS	25	3 ft.	3 ft.	3 in.	Jan. to Mar.	1 to 2 years
RUTABAGA	½ oz.	1½ ft.	3 in.	½ in.	Feb. to May; July to Nov.	8 to 10 weeks
SALSIFY	¼ oz.	18 in.	2 in.	½ in.	Feb. to May	4 to 5 months
SPINACH	2 oz.	12 in.	1 in.	1 in.	Feb. to May; Aug. to Nov.	4 to 6 weeks
SWISS CHARD	1 oz.	1 ft.	3 in.	1 in.	Feb. to May; Sept. and Oct.	6 to 11 weeks
SQUASH, Bush	½ oz.	2 ft.	2 ft.	1 in.	Mar. to June	2 to 2½ months
SQUASH, Late	¼ oz.	3 ft.	3 ft.	1 in.	April to July	3 to 4½ months
TOMATO	1 pkt.	3 ft.	2½ ft.	½ in.	Dec. to Mar.	3 to 4 months
TOMATO PLANTS	25 to 30	2 ft.	1½ ft.	3 in.	April and May	3 months
TURNIPS	½ oz.	1½ ft.	3 in.	½ in.	Feb. to May; July to Nov.	8 to 10 weeks
WATERMELON	¼ oz.	6 ft.	6 ft.	1 in.	Mar. to May	4 to 5 months

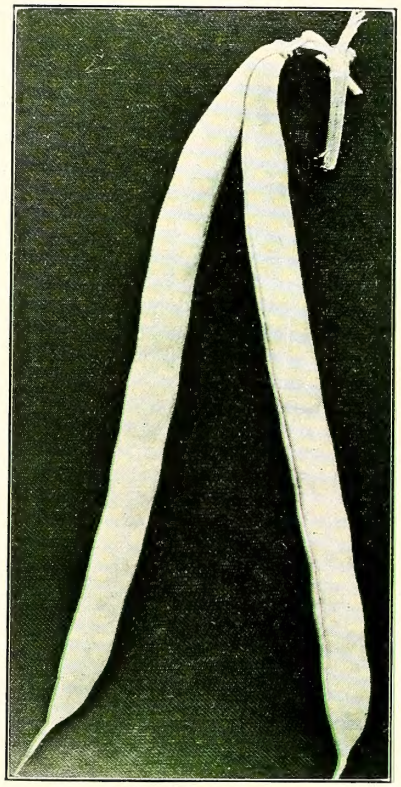
Field Seed Planting Calendar

SEED	Time to Plant	Seed Per Acre	Wt. Per Bushel
ALFALFA	September-November, February-May	18 to 20 pounds	60 pounds
ALGERIA	March, April to June	5 to 8 pounds	50 pounds
ARTICHOKES	February to April	5 to 7 bushels	60 pounds
BARLEY, Winter-Spring	August-November, January-March	1 to 1½ bushel	48 pounds
BEANS, Mammoth Soy	April to June	15 to 30 pounds	60 pounds
BEANS, Small Soy	April to June	6 to 15 pounds	60 pounds
BEANS, Velvet	April to June	15 to 30 pounds	60 pounds
BROOM CORN	May to June	6 to 8 pounds	46 pounds
BUCKWHEAT	March to April, October	48 pounds	48 pounds
CANE, Broadcast	April to July	2 to 3 bushels	50 pounds
CLOVER, Sweet	February-April, September-October	20 pounds	60 pounds
CLOVER, Bur	July to November	40 pounds	30 pounds
CORN, Field	March to July	7 to 8 pounds	56 pounds
COTTON SEED	March to May	½ to 1 bushel	32 pounds
DARSO, Drilled	March to August	5 to 8 pounds	50 pounds
EGYPTIAN WHEAT (Shallu)	March to May	5 to 8 pounds	50 pounds
FETERITA	March to June	6 to 10 pounds	50 pounds
GRASS, Bermuda	March to May	5 to 8 pounds	15 pounds
GRASS, Sudan, Broadcast	March to May	25 to 40 pounds	30 pounds
SUDAN, Drilled	March to May	5 to 7 pounds	30 pounds
HEGARI, Drilled	April to June	5 to 8 pounds	50 pounds
KAFIR, Drilled	April to May	5 to 8 pounds	50 pounds
MANGELS	March to June-August, September	5 to 6 pounds	
MILO, Drilled	April to May	5 to 8 pounds	50 pounds
MILLET	April to June	20 to 30 pounds	50 pounds
OATS	January-February, September-October	2½ bushels	32 pounds
PEANUTS, Spanish	April, May	35 to 40 pounds	30 pounds
PEANUTS, Tennessee Red	April, May	2 bushels	22 pounds
PEAS, Stock	April to October	90 to 120 pounds	60 pounds
RAPE	February-April, August-November	5 to 8 pounds	50 pounds
RYE	July to November, January-February	1½ bushels	56 pounds
SORGHUM, Broadcast	April to July	2 to 3 bushels	50 pounds
SUNFLOWER	March to July	8 to 10 pounds	30 pounds
VETCH	February-March, July-November	50 pounds	60 pounds
WHEAT	September to November, January, February	60 to 75 pounds	60 pounds

PLANT Square Brand Hi-Germinating Seeds — *FOR* LARGER YIELDS OF MORE MARKETABLE CROPS

Square Brand Garden Beans

INCREASE YOUR CROP AND IMPROVE YOUR SOIL BY INOCULATING WITH NITRAGIN



Giant Stringless.

CULTURE—Beans are very sensitive to both cold and wet and it is useless to plant them before the ground has become dry and warm. The largest returns will result from planting in drills two feet apart.

Cover the seed 1½ inches deep and thin the young plants three to six inches apart in the row. The plants up to the time of blossoms should have shallow cultivation. If any mutilation of the roots by cultivation after the plants have come into bloom should occur it is likely to cause the blossoms to blast, and thereby cut off the crop. A light, rich, well-drained loam which was manured for the previous crop is most desirable. A packet will sow 25 feet of row, one pound to 100 feet, and 60 pounds to an acre.

Green Pod Bush Beans

GIANT STRINGLESS GREEN POD — A fine, stringless variety. Early, large round pods, very crisp and meaty. Extensively used for canning. Recommended to Market Gardeners for quality, salability and ease of picking.

IMPROVED EARLY ROUND POD RED VALENTINE—Especially desirable for its hardiness. Will stand more adverse weather conditions than most bush beans. Extra early. Fine flavor, very fleshy, crisp and tender.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

BURPEE'S STRINGLESS GREEN POD — Another fine quality stringless variety. Early and very prolific. Fine for snap beans and canning. Another good market variety and much enjoyed by home gardeners. Round pods, fleshy and rich in flavor.

BLACK VALENTINE—Large round pods, about 6 inches long. Good for long distance shipping. Another hardy, early type, frequently popular with gardeners.

REFUGEE or 1000 to 1—A late variety, especially resistant to drouth and unfavorable growing conditions. Pods about 5 inches long—round and light green.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Tennessee Green Pod.

TENNESSEE GREEN POD—This bean is increasing in popularity—especially with market gardeners. It may be planted earlier than other beans, withstands cold and inclement weather and yields heavily. Pods long and flat and a beautiful green. Matures earlier than most varieties.

BOUNTIFUL—Another good market variety. Large long pod, practically rust and mildew-proof. Absolutely stringless. A splendid snap bean, light green in color and very tender.

FULL MEASURE—A round pod, medium early bean, fleshy, fine grained and stringless. Very pleasing for home use. A fine canning variety. Try some this year.

Wax or Yellow Pod Bush Beans

Golden Wax Bean.

IMPROVED GOLDEN WAX—The most popular of the wax varieties. Pods large, slightly flattened and bright yellow in color. Plants compact and vigorous. Moderately early and exceptionally prolific. Desirable for home and market planting.

PENCIL-POD BLACK WAX—A splendid variety of the round podded, black seeded type. Medium early, usually bearing in from 55 to 60 days. Attractive golden yellow pods are curved, fleshy, stringless and brittle. Excellent quality.

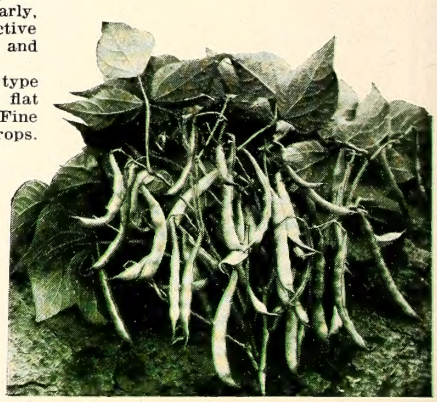
WARDWELL KIDNEY WAX—A very prolific type and one of the hardiest. Pods long, broad and flat and exceptionally attractive in appearance. Fine flavored and among the best of the market crops. Creamy white in color, stringless, very tender and delicious. You should try these.

PROLIFIC BLACK WAX—One of the earliest of the wax varieties. Pods slightly curved, stringless, yellow and very tender. This is an improved strain of the German Black Wax.

SURE CROP WAX—An especially satisfactory wax bean for market gardeners and shippers. Pods deep yellow, fleshy and stringless. Plant large and prolific.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.



Burpee's Stringless.

Mr. Bill Andrews, of Dallas, planted some Square Brand Pole Lima Beans last April. He supplied his table with beans pretty regularly all the summer, and on Christmas day he served his final lot—enough to serve 21 people. That's the kind of seed we sell—producers of the highest possible yields.

Kentucky Wonder.

Pole or Running Beans

CULTURE—Pole beans are more sensitive to climatic conditions than are the bush varieties, but are superior in quality and productiveness. When the ground is warm, set poles 4 to 8 feet long, slanting slightly to the north in rows four feet apart, extending north and south, the poles being 3 feet apart in the row. When the poles are arranged this way the vines can climb more readily and the pods are straighter and more easily seen. Around each stake plant 5 to 8 beans, 2 inches deep and when well started, thin to 4 plants. Use 1 packet to 20 poles; 1 pound to 100 poles; 30 pounds to the acre.

KENTUCKY WONDER—The most popular and widely planted of all pole beans, early and very productive. Vines are very vigorous, bearing pods in large clusters that are green, round, meaty, tender and stringless and measure 6 to 12 inches long.

KENTUCKY WONDER WAX—Early pole wax bean, splendid climber and very productive. Pods curved, fleshy, yellow, 10 inches long, brittle and tender.

IDEAL MARKET—A very fine flavored, black seeded bean, which is extremely popular with market gardeners. Yields very well. Pods round, stringless, fleshy and very tender. Plants hardy and may be planted very early. This is a good variety for both home and market use.

WHITE CREASEBACK — Earliest of the pole beans. Very hardy and productive. Pods round, slender, brittle and tender. A fine market crop. Especially suitable for early fall planting. Prolific. Nearly stringless.

STRIPED CREASEBACK—Just what you need to increase the productivity of your cornfield and at the same time make a good table crop. We suggest inoculating this seed with Nitragin to increase legumes and then plant your seeds early enough to get one or two plowings before laying by your corn. Pods are long, round and creaseback. A very satisfactory bean for table use. Fleshy tender pod, slightly stringy.

Postpaid prices:
Pkt. 10c; ½ lb. 30c; lb. 40c.

January Planting

VEGETABLES

	Page
Cabbage	15
Cauliflower	15
Collards	10
Kale	10
Kohl Rabi	12
Lettuce	11
Onion Plants	16
Onion Sets	17
Rhubarb	17
Tomato	13-14
FIELD	
Barley	24
Oats	24
Rye	24
Wheat	24

White Creaseback.

Bush Lima or Butter Beans

CULTURE—Plant when ground is dry and weather warm in rows 2 feet apart, dropping the beans 6 inches apart in the row, eye down, covering with 1 inch of soil. May also be planted in hills, 3 feet apart one way, 2 feet apart the other way, using 4 to 6 beans to the hill. One pound will plant 100 hills, or 100 feet of row; 60 pounds will plant an acre.

BURPEE'S BUSH LIMA—A fine flavored lima. A strong, vigorous, productive mid-season plant. Pods and beans are of medium size, and are borne in clusters.

Henderson's Bush Lima.

SPECKLED BUSH LIMA—The most productive and one of the earliest of the bush limas. It bears in great profusion broad, flat pods, each having from 3 to 5 medium size beans which cook quickly. This variety is good for summer use and as a winter shell bean, and is a splendid bean for the home garden.

HENDERSON BUSH LIMA—The earliest of all bush limas, two weeks earlier than any of the climbing varieties. Plants are without runners but continue to grow and set pods until stopped by frost. Used extensively by canners as well as for home and market use.
Postpaid prices: Pkt. 10c; ½ lb. 30c; lb. 40c.

FORDHOOK BUSH LIMA — A good variety. Bushes erect and branching freely. Beans thick and meaty. **Postpaid prices: Pkt. 10c; ½ lb. 35c; 1 lb. 55c.**

Pole Lima Beans

CULTURE—Same as other pole beans, except the seed is planted two weeks later. One pound will plant 100 hills; 30 pounds will plant an acre.

CAROLINA or SIEVA (Small White Lima)—A very early small-seeded lima or butter-bean, especially adapted for the South. Pods are dark green, short, about 3 inches long, curved and flat.

FLORIDA SPECKLED BUTTER BEAN—A very early variety that blooms and bears profusely all the season. Bears pods from the very first bloom that appears on the plants. The seeds and pods are about the size of the Carolina or Sieva Lima but are speckled white and brownish-red.
Postpaid prices: Pkt. 10c; ½ lb. 30c; lb. 40c.

White Sieva Pole.

Black Beauty Egg Plant

Square Brand Egg-Plants

ARE DELICIOUS STUFFED OR FRIED

CULTURE—Sow in hotbed in early spring and transplant to cold-frame when plants have two rough leaves on them. Set in open when all danger of frost or cold nights is past, and it is best to shade the young plant from the hot sun. Hoe frequently, keeping the soil loose and fine. Mature in about 120 days. A packet will produce about 150 plants; an ounce about 1,000 plants; ¼ pound for an acre.

BLACK BEAUTY—The earliest large Eggplant. Fruits are a rich dark purple. Disease-resistant and a very desirable sort for the market. Very popular with truckers in south and southwest Texas.

NEW YORK PURPLE SPINELESS—A general favorite for the market and home garden. Fruits are large and free from thorns. Is only a few days later than Black Beauty in maturing.

Postpaid prices: Pkt. 10c; oz. 35c; ¼ lb. 90c.

Egg-Plant Plants

Grown from Square Brand seeds. Black Beauty variety only. Plants packed 25 to the bundle, ready for shipment about the middle of April.

Postpaid prices: 25 plants 35c; 50 plants 65c; 100 plants $1.00. Write for special quantity prices.

Square Brand Squash Seed

CULTURE—Plants are very tender and sensitive to cold and planting must be delayed until warm weather. The general principles of Culture are the same as those given for cucumbers and melons, but plants are less particular as to soil. Summer varieties should be planted four feet apart each way and the winter sorts eight feet. Three plants are sufficient for a hill. A packet will sow about 8 hills; an ounce 30 hills; 3 to 4 pounds per acre.

EARLY SUMMER CROOKNECK—Popular type of summer crookneck squash with bush vines. Fruits rather small, golden-yellow, and thickly covered with warts.

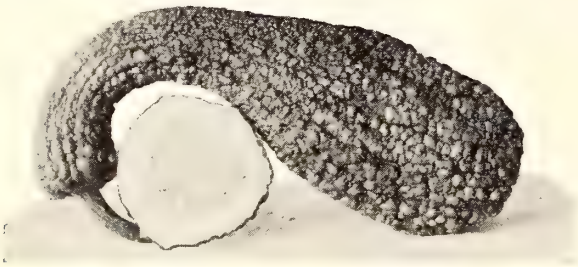
HUBBARD WARTED—Fruits are bronze-green and very attractive. A desirable winter squash. Fruits weigh 15 pounds.

GIANT STRAIGHTNECK—A very popular summer variety, preferred by many gardeners because necks do not break off so easily as the crookneck. Similar in size and flavor to the crookneck.

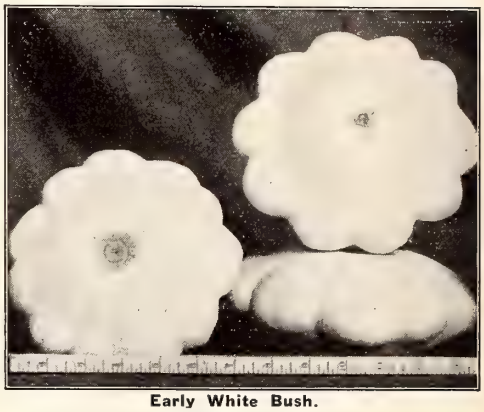
EARLY YELLOW BUSH—Very similar to Early White Bush except color is a golden yellow. Fruit somewhat sweeter. Mature in 60 days.

FORDHOOK VINING—A summer variety, adapted also for winter use. Fruits are about 8x3 inches in size; skin a light cream, while the sides are ridged or scalloped and taper toward the stemmed end; flesh extremely thick and sweet. It can be baked as you would bake sweet potatoes.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 35.



Early Summer Crookneck Squash.



Early White Bush.

EARLY WHITE BUSH SCALLOP—The most popular of white summer types of squash. Fruits are rather small, quite flat, with ridges or scalloped edges. Extremely prolific, and disease-resistant.

Pkt. 5c; oz. 10c; ¼ lb. 35c.

Okra

CULTURE—The young pods are used in soups, stews, catsups, etc. After danger of frost is past, sow in rows about 2½ feet apart covering with about an inch of fine soil firmly pressed down. When about three inches high, thin to about 1 foot apart in the row. Cultivate and keep free from weeds. The pods are in best condition for use when from 1 to 3 inches long. Use a packet to about 25 feet of drill; an ounce to 100 feet; 8 pounds per acre.

Dwarf Long Green Pod Okra.

DWARF STALK LONG GREEN POD — A sturdy dwarf-growing variety, quite early and productive. Pods are long and corrugated, attractive dark green in color. Very good for the home garden, and is of the type most used for canning.

TALL LONG GREEN—Tall stalks, long green pods.

WHITE VELVET—The standard variety planted for home use and local shipment. Pods are almost altogether free from ridges. Plants are about 3½ feet high and very productive.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

Asparagus

GROWS MORE POPULAR ANNUALLY

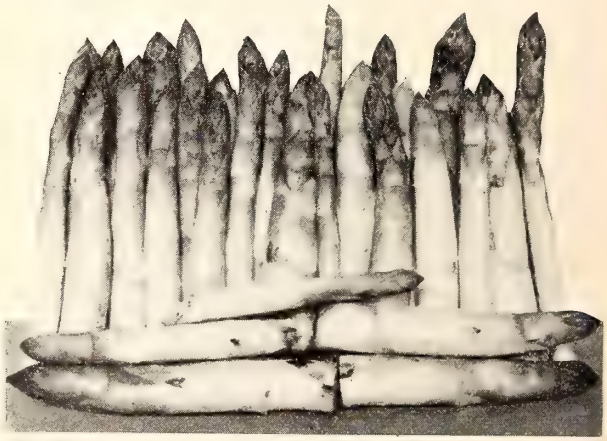
CULTURE—It is advisable to soak the seed at least 24 hours before planting. Sow in spring or fall in rows 18 inches apart. Cover seed about 2 inches. When plants are well established thin to about one inch apart. By the following spring the roots will be ready for setting in the permanent bed. One ounce of seed will produce 200 plants, 4 to 5 pounds will plant an acre.

ROOT CULTURE—The soil for asparagus must be well drained, and should be worked to a depth of 16 or 18 inches, using a liberal dress of stable manure or peat moss. Dig trenches about 4 inches deep and 16 inches wide, place the roots, crown up, about 2 feet apart. Rows should be at least 4 feet apart. Early in the spring spade a liberal dressing of manure between the rows and apply a little nitrate of soda or ammonia sulphate. It requires about 100 roots to a bed of 500 square feet.

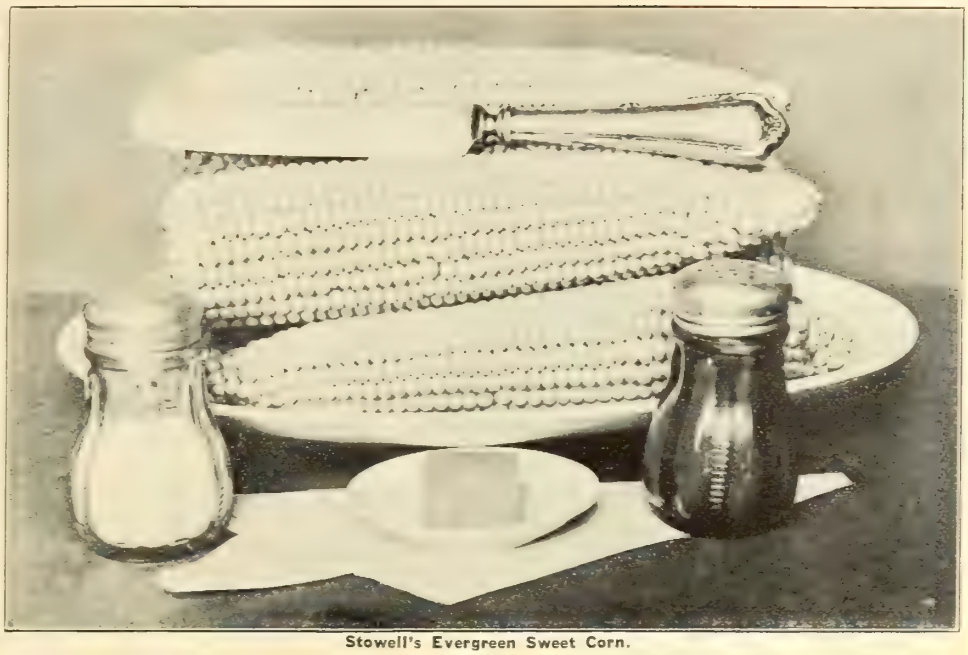
WASHINGTON ASPARAGUS SEED—An improved strain of rust resistant qualities. Produces long, straight stalks of a rich green color running darker at the tips. Very popular with commercial gardeners. **Pkt. 10c; oz. 20c; ¼ lb. 50c; postpaid.**

ASPARAGUS ROOTS—Large, healthy planting size. **Doz. 40c; 50 $1.25; 100 $2.00; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES.



Asparagus.



Stowell's Evergreen Sweet Corn.

For February Planting

VEGETABLES	Page
Artichokes	17
Asparagus	4
Beans	2-3
Broccoli	17
Cabbage	15
Carrots	8
Cauliflower	15
Collards	10
Corn	5
Eggplant	4
Endive	11
Horseradish	17
Kale	10
Kohlrabi	12
Lettuce	11
Mustard	10
Onion Plants	16-17
Onion Sets	17
Parsley	11
Parsnips	12
Peas	6
Potatoes, Irish	17
Radish	9
Rhubarb	17
Rutabaga	12
Salsify	8
Spinach	10
Swiss Chard	10
Tomato	13-14
Turnips	12
FIELD SEEDS	
Alfalfa	30
Artichokes	17
Barley	24
Clover, Sweet	30
Oats	24
Rape	31
Rye	24
Vetch	31
Wheat	24

Tender Roasting Ear Corn

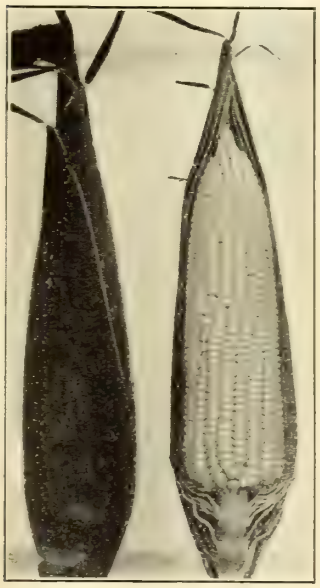
USE CROW REPELLENT TO PROTECT YOUR SEED CORN FROM PESTS.

CULTURE—When planted in rows the rows should be 3 to 4 feet apart; plant the seed 12 to 16 inches apart in the row, covering 2 inches deep with fine soil firmly pressed down. If planted in hills, plant 4 to 6 grains to the hill; later thin so as to leave 2 to 3 stalks to the hill. One pound will plant about 200 hills; one peck (14 lbs.) to the acre.

Sugar Varieties

COUNTRY GENTLEMAN—A distinct and outstanding corn. Ears 8 to 9 inches long, exceptionally slender cob, densely packed with long kernels, growing in irregular pattern. Delightfully sweet. Plants grow from 6 to 7 feet high and frequently produce three ears. Adapted for canning, as well as garden and market use.

STOWELL'S EVERGREEN—The standard main crop variety, much used for home gardens, market and canning. Hardy and productive, very tender and sugary, remaining suitable for boiling a long time. Ears about 8 to 10 inches long. Very white grain.



Honey June.

GOLDEN BANTAM—A very early sweet corn with golden-yellow grains; very tender, sweet, and of excellent quality. Ears are 6 to 7 inches long. Broad, meaty kernels. This is a variety that should be planted in every home garden. Matures in 78 to 80 days after planting.

Postpaid prices: Pkt. 10c; lb. 40c.

HONEY JUNE—A new sweet corn originated by the Texas Experimental Station. This is a cross between White June and Country Gentleman, developed over a period beginning in 1927. Stalks are tall and vigorous, somewhat later in maturity than some other varieties, averaging 87 days from planting to maturity of the first roasting ears. Ears are medium in size with about 14 to 16 rows of grain. Grains are long, slender and white. Corn averages about 1.4 ears per stalk. Develops a heavy shuck which provides splendid protection against ear worm damage. This type of corn is especially recommended for roasting ears and for the immense volume of forage available from it. The supply of seed available this year is somewhat limited and we recommend ordering early. **Postpaid prices: Pkt. 10c; lb. 40c.**

Best Pop Corn Varieties

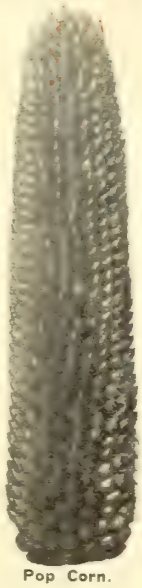
A profitable crop, yields well even in unfavorable weather. Cultivate the same as field corn. It should be planted in March and April. One pound will plant 200 feet of drill; 12 pounds to the acre.

WHITE RICE — This variety has white, large pointed grains that pop nicely; is a good white variety for home popping. A good yielder; ears are medium sized.

SOUTH AMERICAN—Very popular variety on account of its rich yellow color. It is the standard yellow pop corn for the South. Pops into a very large white fluffy piece.

JAPANESE HULLESS or LITTLE BUSTER — A very prolific white variety used to a great extent by commercial poppers. It is a fine variety to shell and sell to commercial poppers.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 40c.



Pop Corn.

Sweet Field Varieties

WHITE PEARL—A northern field corn that produces large, uniform, well filled ears with large, pure white grains. Used extensively for roasting ears by local gardeners.

TRUCKERS' FAVORITE—A wonderful early table corn, only a few days later than the Early Adams. Ears average from 12 to 14 inches in length. Slightly sweet, resembling sugar corn in taste. Ready for table use in about 67 days after planting.

EARLY ADAMS—A splendid variety, maturing 60 days after planting. Ears 7 to 8 inches long and filled with large white grains. Vigorous stalks growing about 6 feet in height and well bladed. **Postpaid prices: Pkt. 10c; lb. 25c.**

IOWA SILVER MINE—Planted largely for early roasting ears by market gardeners. Ears are from 9 to 12 inches long and are ready for use in 70 days after planting.

Postpaid prices: Pkt. 10c; lb. 25c.

See Page 25 for Hickory King and Surecropper.

Bliss Everbearing.

English Peas

WITHOUT WHICH NO GARDEN IS COMPLETE.

CULTURE—For early peas the soil should be light and warm, but for general crop, a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a large growth of vine at the cost of the quality of the peas. The seed should be planted in rows at a depth of 1½ to 2 inches. Rows should be 21 to 28 inches apart for dwarf varieties and 28 to 42 inches for the taller sorts. The wrinkled varieties are more sensitive to wet weather than the smooth-seeded sorts, but are of superior quality. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, not only will new pods cease to form, but those partly advanced will stop growing. A packet will sow 20 feet of drill; a pound, 100 feet; 90 to 120 pounds per acre.

Extra Early Varieties

FIRST AND BEST—The earliest pea that is grown. A smooth sort, with wonderful ability to mature quickly; unsurpassed in extra early qualities, in flavor, and in size of pod. Free from runners, and the entire crop can be taken off at two pickings. Plants about 2½ feet high; mature in 38 days.

ALASKA—A smooth blue pea of unequaled evenness in growing of vine, and early maturing of pods, which are filled with medium sized bright green peas of good flavor. Plants are of medium height, from 2 to 3 feet. Pods are of good size, about 2½ inches long. Matures all of its crop at one time; a valuable variety for market gardeners and canners.

Postpaid prices: Pkt. 10c; ½ lb. 25c; 1 lb. 35c. See Special List for quantity prices.

Alaska.

Early Varieties

THOMAS LAXTON—The most popular of the early wrinkled varieties. Pods large—often four inches long, with square ends and uniformly well filled, containing 7 medium dark green peas of superior quality. Produce very satisfactory fall crop, as well as early spring crop. A variety that appeals to market gardeners because of its productivity, sweet flavor and heavy market demand. Good canning variety.

AMERICAN WONDER—An old favorite. Small, dwarf-like bushes, heavily laden with peas of very fine quality. Appeals especially to the home gardener.

LAXTON'S PROGRESS—An improved Laxtonian variety. The earliest of the large podded dwarf peas. Vines vigorous and very productive. Pods large, pointed and deep green in color containing 8 large dark green peas of good flavor.

LITTLE MARVEL—A very good pea for home gardening. Pods are three inches long, blunt ended and closely packed with medium sized peas. Peas are very sweet and delightfully flavored.

HUNDREDFOLD—A large podded type, which ships well. Quite prolific and hardy. An old favorite.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

PREMIUM GEM—A very desirable early green wrinkled dwarf variety. Vines are very productive, 15 to 18 inches high; pods of medium size, about 2¾ inches long, and crowded with 6 and 8 large peas of fine quality.

NOTT'S EXCELSIOR—The best very early dwarf pea. Vines are large and productive and average about 12 inches high; pods about 2¾ inches long. The peas, in sweetness and quality, are unsurpassed. A desirable early sort for the market gardener, and home use.

DWARF TELEPHONE—A healthy stocky grower, and is very productive; does not require staking. The green pods frequently measure 5 inches in length, containing 9 to 10 peas.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

Tall Telephone.

Later Varieties

BLISS EVERBEARING—This is the most desirable of the later varieties, for your main crop of English Peas. Has delightful flavor. Vines stout, of medium height, and if peas are picked as they mature, plant branches and bears longer than any other pea. By all means, plant some of these.

CHAMPION OF ENGLAND—A very productive main crop. Vines grow tall. Pods are nearly round and blunt-ended, containing 8 light green peas.

WHITE MARROWFAT—The vines of this tall variety are about 5 feet high, and of strong growth; pods about 3 inches long, cylindrical, surface somewhat roughened, light colored, and well filled. Most desirable for summer use.

IMPROVED TELEPHONE—The leading variety with market gardeners. Vines are tall and vigorous, growing about 4 feet high, and producing an abundance of pointed pods of large size, 4 to 5 inches long.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

Edible Pod

MAMMOTH MELTING SUGAR—A tall, late prolific variety, produces large broad pods, tender and sweet; whole pod can be cooked and served like snap beans. Pods best when they are about half-grown. Vines grow four to five feet high.

Postpaid prices: Pkt. 10c; ½ lb. 25c; lb. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

MRS. LEE LINDSAY, Route 1, Box 70B, Grand Prairie, Texas, wrote us last August: "Please send me your new catalog. I have lived in Dallas and bought all of my bird seed from you until recently. I would like to use these seeds again, as I have not found any I like as well as yours."

Thos. Laxton

Square Brand Cucumbers

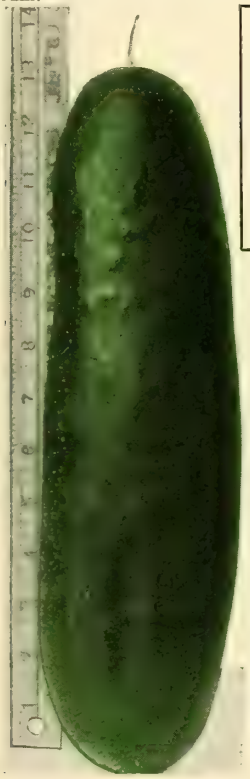
FOR PICKLING, STUFFING, BAKING, BOILING

Early Fortune Cucumber.

CULTURE—To obtain the largest yield of cucumbers, soil should be well enriched with well-rotted manure, or commercial fertilizer, and the location should be fully exposed to the sun. Plant the seed not over 1 inch deep in hills 4 to 6 feet apart each way, dropping 15 to 20 seeds in a hill. After the plants begin to crowd, thin to 3 plants to the hill. Give frequent but shallow cultivation until the plants make runners. Pick the fruit as soon as it is large enough before it begins to ripen, as the vines will cease setting fruit as soon as any seed begins to mature. In gathering for pickles, cut the stem instead of pulling the fruit off and be careful not to mar the fruit in any way; if the skin is broken, the pickles will not keep so well. Use a package to 14 hills; an ounce to 75 hills; 2 to 3 pounds per acre.

DAVIS PERFECT—A long, smooth cucumber, tapering at both ends, one of the most popular. A deep green color when in the slicing stage, and medium late in maturing. Fruits 9 to 10 inches long.

EARLY CLUSTER—A small variety, fruits growing in clusters near the roots; very early, prolific and uniform, the second most popular of the early pickling strain.



Improved Long Green Cucumber.

If Chiggers bother you in the Spring and Summer, keep a can of Chigger Chaser in the bath room and sprinkle yourself with it, like a bath dusting powder. It is harmless to the skin and positively repels chiggers.

CHICAGO PICKLING—A very productive variety extensively grown for pickles. Vines are vigorous and the fruits are bright green, of medium size, very smooth and symmetrical, flesh crisp and tender.

SMALL GHERKIN—For Pickles. A very small, oval, prickly fruited variety, and should always be pickled when young and tender.

ARLINGTON WHITE SPINE—One of the oldest types, and most popular. A main crop variety and a little later than improved White Spine. Very productive. Fruits are 9 inches long with square block ends.

IMPROVED LONG GREEN—The standard cucumber for either slicing or pickling. Vines are very vigorous and productive. It is medium late and the best variety for hardiness and disease resistance. Ends taper somewhat and it is slightly warted.

JAPANESE CLIMBING—A variety used for its color qualities to cover trellises and fences. The color when ripe is deep russet, covered with a slight netting. Fruits measure 9 inches long.

BOSTON PICKLING—A bright green, medium sized, smooth variety very similar to Chicago Pickling.

EARLY FORTUNE—The best shipping variety. Very early, productive and disease-resistant. Color a rich dark green which does not fade when shipped a long distance. 7 to 9 inches long. A favorite on Southern markets.

Postpaid prices: Pkt. 10c; oz. 20c; ¼ lb. 75c.

Celery

CULTURE—Sow in February, March and April in a hotbed and transfer to a cold-frame to make them stocky and strong. Seed should be covered lightly, and keep the bed moist to insure quick germination. A packet will produce about 300 plants; an ounce about 3,000 plants.

GOLDEN SELF-BLANCHING—The finest early and most profitable celery in cultivation. It has a natural golden yellow plant, and blanches quickly. **Postpaid prices: Pkt. 10c; oz. 35c; ¼ lb. $1.25.**

CELERY SEED FOR SEASONING—Celery seed lends a most delicious flavor to roasts, soups, boiled vegetables and numerous popular salads. These seeds have the delightful flavor of fresh celery itself, and are splendid to use in pickling. Immature seeds are quite as practical for this purpose as those adapted to planting, yet they are available at much lower prices. They of course, are not suitable for planting. When ordering, be sure to state "Celery seed **for seasoning**".

Postpaid prices: 1oz. Packages, 10c; ¼ lb. 35c; 1 lb. $1.25.

Golden Self-Blanching Celery.

SEE SPECIAL LIST FOR QUANTITY PRICES.

For March Planting

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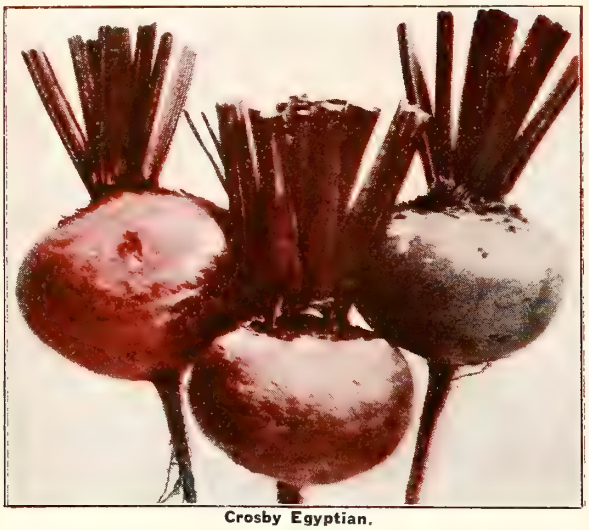


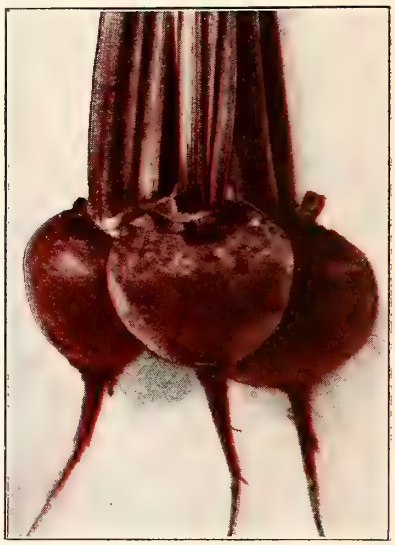
Crosby Egyptian.

Root Crops Are Healthful

Table and Canning Beets

CULTURE—The best results are obtained on a deep, rich sandy loam. Sow as early as the ground can be prepared in drills 18 inches apart and thin out to 3 or 4 inches in rows. Planting in succession you can still be having tender greens when the roots are pulled for canning. Beets are easily stored for use during the winter. Always sow in freshly prepared soil, which should be pressed firmly over the seed. A packet will sow a row 25 feet long; 1 ounce 75 feet; 5 pounds per acre

DETROIT DARK RED—One of the best beets for market and home garden and on account of its uniformly rich color the most desirable for canning. Roots are medium-size, globular or nearly round, very smooth and dark blood-red. A desirable bunching variety, a little later than the Crosby Egyptian.



Detroit Dark Red.

LONG SMOOTH BLOOD—A long deep red beet, by far the best for winter or spring use. Roots are deep red, long, smooth and uniform in shape. A fine variety for the home garden.

EARLY BLOOD TURNIP—Roots nearly round or slightly flattened, and bright red with zonings of a lighter shade. A good variety for the home garden.

CROSBY EGYPTIAN—The most popular and one of the earliest of all beets. It is especially desirable for bunching because of its small top. This strain is a dark red, zoned with a lighter shade. We recommend this beet for all markets except the Dallas market which prefers a lighter colored beet, like the Special Crosby.

SPECIAL CROSBY—A beet bred especially for Dallas market which uses a light colored beet. Similar in every respect to the Crosby Egyptian, but light red instead of dark red.

EARLY ECLIPSE—An extra early variety with globular roots and short tops. Round, smooth and dark red, circled with lighter red. Good for home and market gardens.

Postpaid prices: Pkt. 5c; oz. 15c; ¼ lb. 30c.

Salsify.

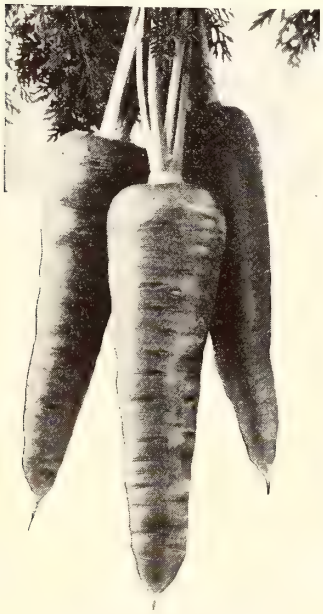
Salsify or Oyster Plant

A delightful vegetable which should be planted more in this territory. May be used like carrots; or, after having been boiled, it may be made into cakes and fried like oysters, which it resembles in flavor.

CULTURE—Sow in rows 12 to 18 inches apart. Thin to 6 or 7 inches apart in the row. Cover the seeds firmly with one-half inch fine soil. Cultivate the same as carrots or parsnips.

MAMMOTH SANDWICH ISLAND—The best variety. Grows to a large size and is very mild and delicately flavored. Grown extensively by gardeners where markets have been established.

Postpaid prices: Pkt. 10c; oz. 20c; ¼ lb. 50c.



Danver Half-Long Carrot.

Square Brand Carrots

Delicious in salads—rich for flavoring soups—colorful for garnishing.

CULTURE—While a sandy loam made rich by manuring the previous year is the best soil for the carrot, any good land, if thoroughly and deeply worked, will produce satisfactory crops. It is advisable to sow as early in the spring as the ground is fit to work. For table use, sow the small varieties early in rows 16 to 18 inches apart. For field culture, sow in drills 18 to 24 inches apart. Cover one-half to one inch deep and see that the soil is pressed firmly above the seed. As soon as the plants appear, use the cultivator or wheel hoe and thin to 2 to 6 inches apart in the row, according to the size of the variety. Use a packet to 6 feet of drill; an ounce to 100 feet of drill; 3 to 4 pounds to the acre.

CHANTENAY—A splendid bunch sort and very popular with market gardeners and truckers. Tops are medium sized with small neck. The mature roots are thick, 5 to 6 inches in length, uniformly half-long, stump-rooted but taper slightly, are smooth and of a deep orange-red.

DANVER HALF-LONG—Very productive and popular variety for home and market gardens. The tops are of medium size and the roots are from 6 to 8 inches long, uniformly to the blunt point; flesh deep orange and very tender.

OXHEART CARROT—This is a very good variety, especially for home gardens. It is delightfully flavored and grows largely above the ground which makes harvesting much easier, especially in tight soils.

IMPROVED LONG ORANGE—Roots are long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. Late-maturing, suitable for table use as well as stock feed.

Postpaid prices: Pkt. 5c; oz. 15c; ¼ lb. 40c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Chantenay.

Early Scarlet Turnip Radish—White Tip.

Roots Ready to Serve

Square Brand Radishes

CULTURE—For open ground culture, sow in rich, sandy soil as soon in the spring as it is fit to work, in drills 12 to 18 inches apart, and thin out the plants to prevent crowding. They should receive plenty of water, and in order to raise the best radishes, they should be grown quickly. Crisp radishes cannot be produced in heavy soils. Successive sowings from one week to ten days apart will keep up a supply. A packet will sow 20 feet of drill; an ounce 100 feet; 8 to 10 pounds per acre. Thin out the small varieties one inch apart and the larger varieties 3 to 4 inches.

Round Varieties

EARLY SCARLET TURNIP—An excellent extra early forcing radish. Roots are small, nearly round, and of bright scarlet color; tops very small; flesh white, crisp, and well flavored. One of the best of the forcing varieties.

EARLY SCARLET TURNIP WHITE TIPPED—(Sparkler Strain)—Small round roots of rich scarlet color with a pronounced tip of pure white, well adapted for forcing. Remains solid and crisp a long time. Ready for table use in 20 days after planting. One of the best market types.

FRENCH BREAKFAST—A quick growing, small, olive-shaped radish about 1½ inches long by ⅝ of an inch in diameter when full grown. Color beautiful deep rose scarlet, except a little clear white about the tips.

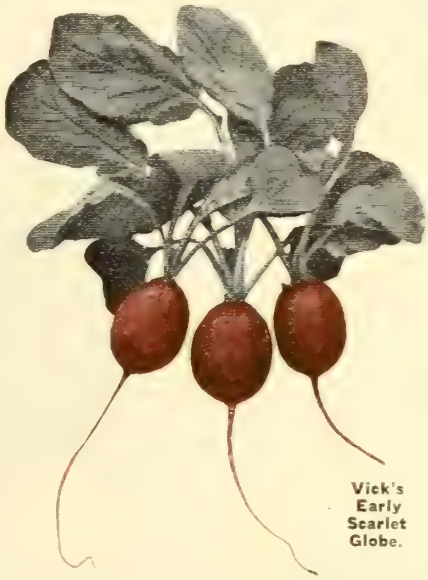
Improved Chartier.

CRIMSON GIANT—A round radish of exceptionally large size, and early. Roots are nearly globe-shaped of beautiful crimson color; desirable for general outdoor planting and for forcing where a very large round radish is wanted.

VICK'S EARLY SCARLET GLOBE—A slightly olive-shaped variety, rich bright scarlet in color. Flesh white and tender. We especially recommend this type to gardeners. Large fast early forcing radish which sells readily. Very desirable for the home gardener also. Be sure to plant some of these.

ROUND BLACK SPANISH—Almost round and measure three to four inches through. Skin black, flesh white, solid and pungent. A fine keeper.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 25c.



Vick's Early Scarlet Globe.

Long Varieties (Continued)

CHARTIER — One of the very best long radishes for planting outdoors for early summer use in the home garden. Also a desirable market crop. This is scarlet at the top and shades to a clear white at the tip. Delicious flavor, remains crisp and tender for a long time.

CINCINNATI MARKET—A desirable market variety with roots similar to early Long Scarlet Short Top, but longer—and a deeper red. Remains in condition for use quite long and is a good shipper.

LONG SCARLET SHORT TOP—An extra early, long radish, ready for use in 25 days. Roots grow 5 to 6 inches long with a third of their length above the ground. Flesh is crisp and tender until fully grown; tops short and small.

White Icicle Radish.

Long Varieties

WHITE ICICLE — The leading long white radish, and one of the earliest. Tops medium size; roots clear white, slender, smooth, and average when mature 6 to 7 inches long. Very crisp and tender.

CHINA ROSE WINTER—Extensively grown for fall and winter use. Roots are cylindrical, or largest near the bottom and blunt at both ends. Skin smooth and of a bright deep rose color. A desirable late maturing garden variety.

LONG BLACK SPANISH—Especially adapted for winter use. Roots long, thick, almost black, somewhat wrinkled. Flesh white, of firm texture, decidedly pungent.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 25c.

SEE SPECIAL LIST FOR QUANTITY PRICES

CARE OF SEEDS

It is just as important to care for seed in the warehouses, as to use care in their first selection. On arrival, each shipment of Square Brand Seeds is carefully numbered and retains its identity until sold. Samples are taken of every bag, and placed in our laboratory for test. A record is carefully kept of every test. In hot weather all seeds are placed in a warehouse, where temperature of less than 80 degrees is consistently maintained. Warehouses are regularly gassed to exterminate insects and rodents. The quality of Square Brand Seeds is never allowed to drop.

Eat Greens for Energy Building

Southern or Georgia Collard.

Collards

CULTURE—A tall, loose leaved cabbage-like plant grown for winter greens. Largely used in home gardens for table use; also grown by many truckers for the market. Seed should be sown thickly, transplanting when 4 inches high, or sow in drills where plants are to remain, and when well started thin to 2 or 3 feet apart in rows. One ounce to 200 feet of row; half pound for acre.

SOUTHERN or GEORGIA—An old-time favorite, very hardy. Plants grow 2 to 3 feet high, forming a cluster of tender leaves at the top of its rather long stem, and these leaves are used as greens.

CABBAGE or WHITE—A white heading variety that is as hardy as the ordinary collard but with better eating qualities.

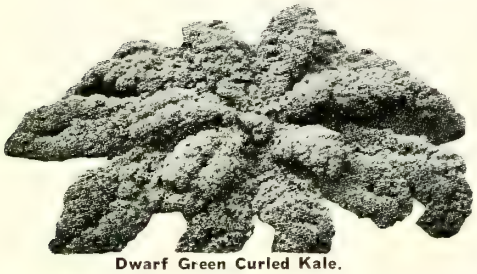
Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 25c.

Swiss Chard or Spinach Beet

An outstanding green-leaved Swiss Chard. Leaves are almost identically like that of spinach, dark green in color. Will produce greens all summer, and is therefore available when spinach cannot be obtained. May be cooked and served as "boiled greens". Raised extensively by poultry growers, for green feed. This vegetable should be in every home garden.

Postpaid prices: Pkt. 5c; oz. 15c; ¼ lb. 35c.

Swiss Chard or Spinach Beet.



Dwarf Green Curled Kale.

Kale or Borecole

A good cooked green—also splendid for poultry.

CULTURE — Plant during fall, winter or spring in rows 2 feet apart. Thin or transplant to 1½ to 2 feet apart in the row. One packet will plant 25 feet of drill; an ounce to 200 feet; 4 pounds will sow an acre.

DWARF GREEN CURLED — Finely curled, spreading, low-growing variety; very hardy and much used for greens. Largely planted for the home garden. Leaves are long and are of a bright green color.

TALL GREEN SCOTCH—The plant of this variety grows to 3 or 4 feet high, bearing long plume-like light green leaves which are deeply cut, also finely curled at the edges.

Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 35c.

Mustard

CULTURE—Mustard is only used as a condiment, but the green leaves are used as a salad, or cut and boiled like spinach. Sow as early in the spring as the ground will permit in drills about 18 inches apart, covering ½ inch deep. The seed may also be sown in autumn, and the plant used early in the spring as a salad and for greens. A packet will sow about 25 feet of drill; an ounce 100 feet; 2 to 3 pounds will plant an acre.

SOUTHERN GIANT CURLED—Leaves are large, light green with a tinge of yellow, much crimped and frilled at edges; plant upright or slightly spreading in growth. Highly esteemed in the South for the market as well as the home garden.

Florida Broad Leaf Mustard.

FLORIDA BROAD LEAF Leaves are round and unfrilled rough, and a very dark green. A little slower growing than the frilled varieties but longer standing.

CHINESE SMOOTH-LEAF—An excellent variety with very large light green plain, comparatively smooth leaves. Plant is of very quick growth, fairly upright when young, becoming somewhat spreading at maturity.

TENDERGREEN or JAPANESE MUSTARD SPINACH—A tender delicious quick-growing green. Is practically an all-season plant, and is ready for market 30 days from planting. It will stand extreme summer heat, also resistant to cold weather. Leaves are cooked and prepared for the table the same as Spinach, Turnip or Mustard Green.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 20c.

Tendergreens—A Delicious Green.

Reselected Bloomdale Savoy.

Reselected Spinach

CULTURE—The seed should be planted in very rich ground in drills 16 to 20 inches apart. Plants should be thinned out six inches apart in the row when the leaves are an inch wide. Seed may also be sown broadcast. The main crop is sown in September or October for winter use, and in February and March for spring use. A packet will sow about 25 feet of drill; an ounce 100 feet; 12 to 15 pounds per acre in drills; 20 to 25 pounds broadcast.

RESELECTED BLOOMSDALE SAVOY—A very early variety, and one of the best to plant in autumn for early spring use. Plants upright, with thick, glossy, dark green leaves of medium size, pointed but quite broad and crumpled.

VIROFLAY—Desirable for either spring or fall sowing. Leaves are very large, broad, thick, and arrow-shaped, much crumpled, and dark green in color. Desirable for canning.

NEW ZEALAND—Not related to true spinach but the leaves bear a resemblance to spinach and are useful as greens. Best for hot weather. The tender shoots are good quality, and may be cut throughout the summer. Plant three or four seeds in holes two feet apart each way. Germination of the seed can be hastened by soaking in warm water twenty-four hours before planting.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 20c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Garnishes and Salads

Large Green Curled Endive.

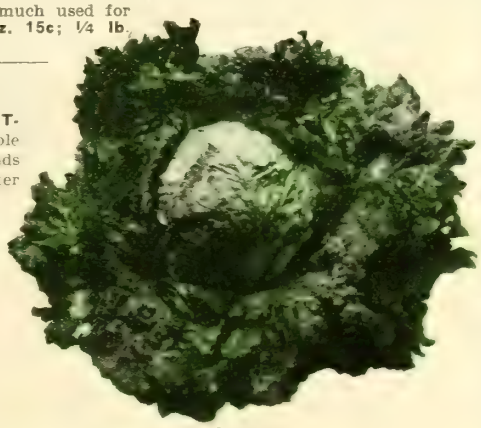
Endive

CULTURE—For late spring and summer use, sow the seed in open ground during February or March. For fall use sow in July or August. Requires about 60 days to mature a crop. A fine salad crop; leaves are also used for garnishing and flavoring. Use a packet to 25 feet of drill; an ounce to 150 feet; 4 to 5 pounds per acre.

LARGE GREEN CURLED — Very hardy, vigorous-growing variety, with bright deep green leaves; highly esteemed for the market and home garden, and much used for salads. **Prices: Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. $1.00; postpaid.**

Lettuce (Cont.)

IMPROVED HANSON LETTUCE — The most desirable late summer variety; stands the hot, dry weather better than most summer varieties. Thin-leaved, curly, tight-headed, used extensively for the home garden as well as the market. **Prices: Pkt. 10c; oz. 15c; ½ lb. 45c; lb. $1.40; postpaid.**



Iceburg.

ICEBURG—A large crisp cabbage-heading variety, with very firm and hard heads and well blanched, usually sown in August for fall use. Leaves are medium green in color with faint brown tracing on the border. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50; postpaid.**

WONDERFUL or NEW YORK—Also known as Los Angeles Lettuce Much used as a fall and winter market variety. Plants are very large, strong and robust, withstanding both hot and dry weather, and are slow to run to seed. The inner leaves form a large head, and are a beautiful yellowish color. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. $2.10; postpaid.**

SIMPSON'S BLACKSEEDED—Best variety for sowing outdoors where an exceedingly tender leaf is desired. This curly and thin-leaved bunching variety is uniformly attractive and remains of excellent quality a very long time. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. $1.40; postpaid.**

EARLY PRIZEHEAD—This is a crisp, tender and strictly loose-leaved, non-heading variety. Plant is medium large, leaves broad, crumpled and frilled, outside leaves tinged red, inner leaves wholly green. Very popular for the home garden, but will not stand shipping or handling on the market. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 45c; lb. $1.40; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES.

Parsley

CULTURE — Parsley succeeds best on rich, mellow soil. The seed is slow in germinating and should be sown as early as possible in the spring and drill 1 to 2 feet apart. Cover not more than ½-inch with fine soil firmly pressed down. When the plants are well up, thin 8 to 12 inches apart in the row. Use a packet to 25 feet of drill; an ounce to 150 feet; 5 pounds to an acre.

DOUBLE CURLED—A vigorous compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves are finely cut, and the edges heavily crimped. Most popular for both the market and home garden. **Prices: Pkt. 5c; oz. 15c; ¼ lb. 30c; lb. 90c; postpaid.**

Lettuce

CULTURE—To have the best lettuce, it should be kept growing rapidly. A light, rich soil will do this. For the earliest, start the seed in a cold-frame in the fall and protect through the winter Transplant to open ground as soon as the ground can be worked. For later use, sow the seed in the open ground when the season will permit, in rows a foot apart. Thin the plants in the rows to 4 to 6 inches, depending on the variety. A packet will sow about 25 feet of drill; an ounce 150 feet; 3 pounds to the acre.

BIG BOSTON—Very popular for outdoor culture and is also in demand as a compact, large-heading, forcing variety for cold frames. Leaves are bright light green, heads slightly tinged with reddish-brown. Heads up under cold weather conditions better than any other variety; is grown extensively in the South for shipment to northern markets. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. $1.50; postpaid.**

PARIS WHITE COS or ROMAINE—Is sometimes called Celery Lettuce, as the shape somewhat resembles a celery plant. Inner leaves nearly white, slightly tinged with green and decidedly firm and sweet. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50; postpaid.**

SIMPSON'S EARLY CURLED—Very extensively used for an early loose-leaved or clustering variety. Especially adapted for sowing thickly and cutting when the plants are young. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. $1.50; postpaid.**

Black Seeded Simpson.

For April Planting

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Leek	16
Mustard	10
Okra	4
Onion	16-17
Parsley	11
Pepper	14
Potatoes	17
Pumpkin	19
Radish	9
Rutabaga	12
Salsify	8
Spinach	10
Squash	4
Swiss Chard	10
Tomato Plants	14
Turnips	12
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Algeria	26
Beans	29
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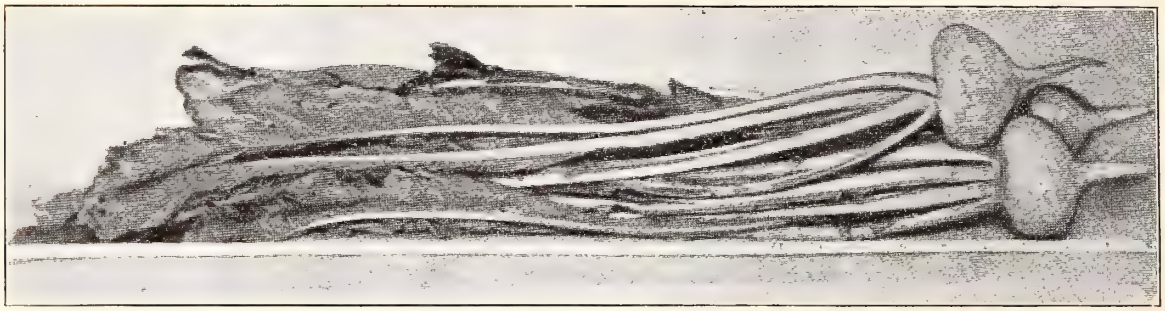


Shogoin or Japanese.

Turnips and Rutabagas

CULTURE—For summer use, sow early in spring in light, rich or new soil in drills 1½ to 2 feet apart and cover one-half inch deep. They may be sown broadcast, but in either case be sure to have the ground rich and freshly stirred. It is important to get the spring and summer crops started early so that the turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter. For the fall or main crop, sow from the middle of July to the middle of September and in the manner given for spring sowing. A packet will sow about 50 feet of drill; an ounce 250 feet; 3 to 4 pounds per acre in drills, or 6 to 8 pounds broadcast.

PURPLE TOP WHITE GLOBE—Globular in shape, of good size, and very attractive appearance. Roots large, purple or dark red above ground, white below, and mature in 60 days. Flesh white, fine-grained, and tender. Very popular with market gardeners, and for the home garden.

PURPLE TOP STRAP LEAF—A very early variety, very extensively used for the table. Leaves are few and upright in growth. Roots flat, medium size, of a purple or dark red color. Best variety for early spring or fall sowing.

AMBER GLOBE—One of the best yellow-fleshed varieties. Roots are of large size and globular shape and the skin is a clear yellow, except the top, which is tinged with green. **Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.**

Purple Top, White Globe.

POMERANIAN WHITE GLOBE—One of the most productive varieties. Roots are globe-shaped, or slightly flattened, skin very white and smooth. Best for table when the roots are not more than 4 to 5 inches in diameter. A favorite with home gardeners and canners when the tops are used for greens.

LONG WHITE COWHORN—Roots of this variety are often 12 to 15 inches long and 3 inches in diameter, carrot-like in form and slightly crooked. Best for table use when 3 or 4 inches long, but can be grown longer for stock feeding.

SEVEN TOP (For Turnip Greens)—Cultivated extensively for the tops, which are used for greens. Very hardy and the growth usually continues throughout the winter. Not generally depended upon for the root.

RUTABAGA—IMPROVED AMERICAN PURPLE TOP—A strain of purple-topped Rutabaga, with a smaller top and much shorter neck than other varieties. Roots are globular shaped and grow to a large size. Excellent for both table use and stock feeding.

PURPLE TOP MILAM—An extra early turnip which matures from one to two weeks earlier than any other variety. Flattened, round root, smooth and white. Top purple-red. Flesh deliciously flavored.

EARLY WHITE FLAT DUTCH (Strap Leaf)—Very early white turnip, extensively used for the table. Roots are medium-sized, flat, very white-fleshed, fine-grained, and sweet.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

SHOGOIN or JAPANESE—A new variety extremely useful, especially valuable for turnip greens. Leaves grow upright about 2 feet high when fully developed, and due to its rapid growth, it is practically free from insect attacks. Roots pure white, between flat and globe in shape; very popular with the canners. Sometimes sold as louse-resistant turnip. **Postpaid prices: Pkt. 5c; oz. 15c; ¼ lb. 25c; lb. 75c.**

Rutabaga.

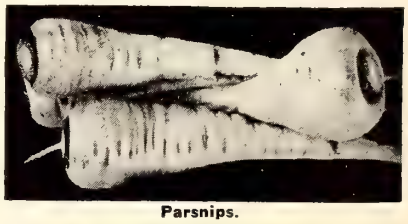
SEE SPECIAL LIST FOR QUANTITY PRICES.

Kohl Rabi.

Kohl Rabi

CULTURE — Sow seed in early spring and when well established thin to 6 inches apart in the row. Plantings may be made in July for fall use. A packet will sow about 40 feet of drill; an ounce 200 feet; 3 pounds to the acre.

EARLIEST WHITE VIENNA—Extremely early, with distinctly small tops. Bulbs medium size, very light green, nearly white. Very mild and flavor most delicious. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 75c; postpaid.**



Parsnips.

Parsnips

CULTURE—Excellent for table use, prepared like turnips or carrots. More nutritious than turnips, and surplus may be fed to stock, especially milk cows. Succeeds best on rich, mellow soil. Sow in early spring and cover seed ½-inch, pressing soil down firmly. When well established, thin to 6 inches apart in drill. A packet will sow 40 feet of drill; an ounce 200 feet; 4 to 5 pounds per acre.

HOLLOW CROWN—An excellent variety for the table. Roots long with smooth white flesh, uniform in shape, very tender. **Postpaid prices: Pkt. 5c; oz. 15c; ¼ lb. 35c.**

Square Brand Selected Tomato Seed

John Baer.

JUNE PINK—The best and earliest of the pink varieties. Sets fruit in clusters of from six to eight. Fruit similar to the popular Earliana. Uniform, smooth and solid. Excellent for shipping. Recommended for market gardening. Matures early and continues bearing until frost. A very fine variety.

BONNY BEST—This variety is a favorite for forcing—just the size wanted: color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Vines vigorous and very productive. Crop ripens uniformly. Very satisfactory for either market or home use.

EARLY TEXAS SPECIAL—A bright scarlet variety not only on the surface, but all the way through. Fruits are large, regular in shape and a semi-globe type. Vines vigorous and prolific and bear their fruits in clusters. Very desirable for salad or slicing; also for canning. Fruits average from 7 to 8 ounces in weight and mature in 90 days after planting.

EARLY DETROIT—Another among the fine early purplish-pink varieties. Vines strong and very productive. Fruits smooth, uniform in size, nearly globe-shaped, firm and excellent quality. Good for shipping, marketing and home use.

June Pink.

JOHN BAER—An extra early scarlet-fruited variety. Vines very hardy and exceptionally productive. Fruits largest of the extra early varieties, nearly round, smooth, firm and of excellent quality. A desirable variety for market gardeners, shippers and canners.

ACME—An early, well-known, hardy and productive variety. Fruits are purplish-pink, round, smooth and of medium size, free from cracks. Stand shipment very well. A very good home garden variety also.

SPARK'S EARLIANA—This is one of the earliest varieties of tomatoes. Fruits are bright deep scarlet and somewhat flattish. Produced mostly in the center of the plant. Very productive and splendid for market and home garden.

PRITCHARD—A second early, scarlet fruited variety. Fruits medium size and smooth. Solid, having 4 to 5 seed cells. Sets in clusters of four to five. Vine short jointed and low growth with heavy foliage.

BREAK O' DAY—A tomato developed by Dr. Fred J. Pritchard of the Department of Agriculture. A cross between Marvano and Marglobe. Fruit is the same color, shape and size as Marglobe, but is from 10 to 12 days earlier in maturity. Yields along with Bonny Best and other early varieties. A heavy yielder, globe-shaped, with few seeds.

Postpaid prices: Pkt. 10c; oz. 35c; ¼ lb. $1.10.

CULTURE—Tomatoes do best on light, warm, not over-rich soil, and success depends largely upon securing a rapid, vigorous, and unchecked growth during the early part of the season. Sow in January and February in hotbeds for early crops. Set out the plants as soon as danger from frost is over, but before doing so, harden off the plants by gradually exposing them to the night air and by the withdrawal of water until the wood becomes hard and the leaves thick and of a dark green color. Transplant carefully and cultivate well as long as the vines will permit. If to be grown without training, the plants are usually set from three to four feet apart each way, according to the growth of the variety. All our tomato seed are from carefully selected seed stocks and we invite comparison of our stocks with any offered. A packet will produce about 100 plants; an ounce about 1,500 plants; 4 ounces will produce sufficient plants to set out an acre.

Early Varieties

CLARK'S EARLY—A variety which has proven very satisfactory to canners and shippers. Bright scarlet in color. Fruits large, semi-globe and remarkably regular in shape. Deep from stem to bloom end. Small core, small seed pockets and heavily meated. Vines are vigorous and prolific. Fruits borne in most attractive clusters.

LOUISIANA PINK—Another very fine pink early variety, and an old and very popular variety. Fruits large and smooth. Vines strong and produce a remarkable quality of fruit. Splendid for market and home gardens.

CHALK'S EARLY JEWEL—Fruits are a bright deep scarlet-red, nearly round, somewhat flattened, smooth and of large size. Ripen very early and the pickings continue through a long season. A fine variety for the home garden.

GULF STATE MARKET—Suitable for home or growing for local markets. Vines very hardy and fruits are true globe-shaped, free from cracks or blemishes around the blossom end. Ripen uniformly. The fruit colors a rich purplish-pink clear to the stem after picking.

For May Planting

VEGETABLES

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Beans	2-3
Cabbage Plants	15
Cantaloupe	19-20
Collards	10
Corn	5
Cucumbers	7
Eggplant Plants	4
Herbs	17
Mustard	10
Okra	4
Onion Plants	17
Pepper	14
Potatoes	17
Pumpkin	19
Radish	9
Rutabaga	12
Salsify	8
Spinach	10
Swiss Chard	10
Squash	4
Tomato Plants	14
Turnips	12
Watermelon	18

FIELD

Alfalfa	30
Algeria	26
Beans, Soy	29
Beans, Velvet	29
Broom Corn	24
Corn	25
Darso	26
Egyptian Wheat	26
Feterita	26
Grass	23
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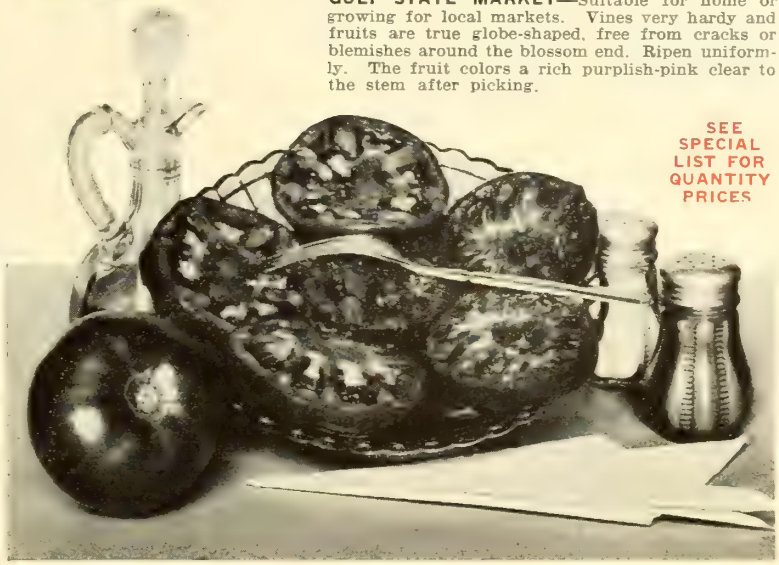
Hegari	26
Grohoma	26
Kafir	26
Mangels	28
Milo	26
Millet	24
Peanuts	28
Peas, Cow	29-31
Sorghum	26
Sunflower	24



Dwarf Champion.

SEE SPECIAL LIST FOR QUANTITY PRICES

Tomatoes (Continued)

Main Varieties

REDFIELD BEAUTY—A fine selected strain of Beauty Tomato. Large, smooth, flesh of finest quality. A Glossy crimson with a touch of purple. Vines extremely hardy and its comparative freedom from rotting under the most trying conditions makes it a favorite everywhere.

DWARF CHAMPION—A second early purplish-pink variety, especially desirable where garden space is limited. Vines about two feet high, vigorous, upright and compact. One of the best of the small tree varieties.

COOPER'S SPECIAL—Vines about 3 ft. tall. Produce good sized clusters of attractive fruit, medium size, globe shape, light purplish-pink color, solid and meaty. Flavor very fine. Exceptionally valuable for Southern shippers and equally valuable in the home garden.

MARGLOBE—Another good shipping variety, as well as very desirable for home gardens. Fruits of deep red color, globe-shaped. Bred for resistance to disease—particularly nail head rust and wilt. Small core.

MARGLOBE A—Seeds produced from pedigreed strain, carefully selected for the man who wants an absolutely uniform crop. This is a splendid shipping variety. Scarlet-fruited and disease resistant.

DWARF STONE—A splendid tree type. Late maturing; color bright red, exceedingly smooth and very solid. Desirable for the home garden. Growing in popularity.

McGEE—Yields where others fail. A very prolific variety. Fruits large, solid with very few seeds, of fine flavor and are a bright crimson color with a sprinkling of pink fruits among them. Nearly as early as Earliana. Has proven exceptionally good for the black land belt.

NEW STONE—One of the old favorite late or main crop tomatoes. Fruits are large, smooth and have a deep scarlet skin. This is a standard variety with truckers and canners who know that they can depend upon it for a large crop of attractive and heavy fruits.

GREATER BALTIMORE—A good canner. Fruits medium to large sized, solid and meaty, of a rich bright red color. Very productive.

RED PONDEROSA—A large deep pink. Vines vigorous and very productive. Fruits solid with exceptionally few seeds, fairly smooth, and larger than any other variety. Good for slicing and well flavored.

GOLDEN PONDEROSA—Equal to the red type. Sliced and served with the Red Ponderosa, it makes a most decorative and appetizing salad. Runs nearly true to type, with a small percentage of mixed fruits.

Postpaid price: Pkt. 10c; oz 35c; ¼ lb. $1.10.

Pepper

INDISPENSABLE FOR SAUCES AND SALADS
PLANT AT LEAST TWO VARIETIES

CULTURE—Sow seed early in hotbed, and when three inches high transplant in rows about 2½ feet apart and 2 feet apart in the row. Cultivate and keep free from weeds. Packet will produce about 100 plants; an ounce about 1000 plants; one-half pound will sow on acre.

World Beater.

Hot or Pungent Varieties

RED CHILI—A late variety. Pods are bright rich red, about 2 inches long, one-third to one-half inch in diameter at the base, tapering to a sharp point, and exceedingly hot when ripe.

LONG RED CAYENNE—A well-known, medium early variety, having a slender, twisted and pointed pod, about 4 inches long. The color is deep green when the fruit is young, and bright red when ripe. Flesh is extremely strong and hot.

Postpaid prices: Pkt. 10c; oz. 35c; ¼ lb. $1.00.

Sweet Varieties

CALIFORNIA WONDER—A splendid new variety. Fruits are a dark green, smooth surface, square in cross-section, and very large, usually about 4 inches across, and 4 to 5 inches deep. Flesh usually ¼-inch thick, the thickest flesh of any pepper. Very desirable for the home garden and exceptionally profitable for commercial growers. **Prices: Pkt. 10c; oz. 50c; ¼ lb. $1.50; postpaid.**

BELL or BULL NOSE—Not as tall-growing as the later varieties, but vigorous, sturdy, and productive. Fruits are a medium size square shape, and when immature they are deep green in color, turning to a bright scarlet red when ripe. **Prices: Pkt. 10c; oz. 35c; ¼ lb. 90c; postpaid.**

CHINESE GIANT—Fruits are a rich dark green, turning to a brilliant scarlet red when ripe. They are four to five inches broad and fully as long. The flesh is particularly thick for a pepper of such large size. It is always strictly mild and sweet. Exceptionally desirable for use in salads and one of the best varieties for stuffing. **Prices: Pkt. 10c; oz. 50; ¼ lb. $1.50; postpaid.**

PIMIENTO—A fine sweet pepper, excellent for salads or canning. Round, pointed, very thick fleshed and so mild many enjoy eating them from the hand.

Red Cayenne.

RUBY KING—An improved American variety, very large and attractive. Plants about 2½ feet high, vigorous, and compact. Fruits 4½ inches long, of deep green color when young, and bright red when ripe. Flesh thick and mild, one of the most popular varieties for stuffing. **Prices: Pkt. 10c; oz. 30c; ¼ lb. 90c; postpaid.**

WORLD BEATER—One of the largest varieties of sweet pepper. A cross between Ruby King and Chinese Giant, having the good qualities of both. When ripe it is bright scarlet, and the flesh is very thick, mild, and of a very fine flavor. Desirable for home or market use. **Prices: Pkt. 10c; oz. 35c; ¼ lb. $1.00; postpaid.**

RUBY GIANT—Very attractive, grows to large size, exceptionally mild, and when ripe is of a bright scarlet color. Excellent for stuffing and a desirable sort for home or market gardens. **Prices: Pkt. 10c; oz. 35c; ¼ lb. 95c; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES

Small Fruited Tomatoes

For Preserving

RED CHERRY—A miniature tomato chiefly grown in the home garden for use in preserves. Mature in 70 days to a uniformly round shape and even size. Fruit scarlet red, tough skin and firm, mild flesh.

YELLOW PEAR—This attractive small fruit is extensively used for preserves in various ways. A rich clear yellow, well flavored. Ripen in 70 days.

Postpaid prices: Pkt. 10c; oz 50c; ¼ lb. $1.75

Tomato Plants

Grown from Square Brand seeds, and ready for shipment about the middle of March. Varieties: Dwarf Champion, Dwarf Stone, McGee, Marglobe and Gulf Market. **Postpaid prices: 25 plants 35c; 50 plants 45c; 100 plants 65c. Write for special quantity prices.**

Pepper Plants

Ready for shipment about the middle of May. **Prices: Postpaid—25 plants 35c; 50 plants 65c; 100 plants $1.00. Write for prices in larger quantities.**

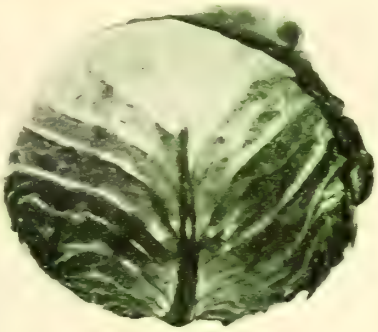
Market Gardeners and Truckers should be sure to call for quantity prices before buying their requirements of Pepper Plants.

Chinese Giant.

The Popular Cabbage Family

CULTURE—For early crop sow seed of the early varieties in hotbeds, or in a box that can be housed any time from the middle of December to the end of January. Plant out at the end of February or beginning of March in rows 2 feet apart and 18 inches between plants in row. For late or winter crops, the seed is sown in May and the plants set out in July.

Don't have the soil in the seedbed as rich as the field to which the cabbage is transplanted, or the plants will be starved after transplanting. Don't seed too thickly or force the growth too rapidly or the plants will grow too tall, slim and tender, and the growth be more seriously checked by adverse conditions. Root deeply to resist drought. When planting out, set to the first leaf on stems. Supply plenty of manure. A packet will produce 150 plants; an ounce 1,500 plants; ½ pound will produce sufficient plants to set on an acre.



Copenhagen Market.

For June Planting

VEGETABLES

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Cantaloupe	19-20
Corn, Pop	5
Pepper	14
Potatoes, Sweet	17
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FIELD	
Algeria	26
Beans, Soy and Velvet	29
Broom Corn	24
Corn, Field	25
Darso	26
Feterita	26
Hegari	26
Millet	24
Sorghum	26-27
Sunflower	24

Early Varieties

EARLY JERSEY WAKEFIELD—The earliest and surest heading of the early cabbages for the market or home garden. Plants are exceedingly hardy, not only resisting cold but other unfavorable conditions; compact and erect with few outer leaves, which are smooth, thick, nearly oval and a deep green; the stem is short and the heads are of medium size, very solid and uniformly pointed.

COPENHAGEN MARKET—The earliest large round-headed cabbage; heads are very solid and of most excellent quality. Plants are vigorous but compact with short stems and few outer leaves. An excellent sort both for market and home garden.

CHARLESTON or LARGE WAKEFIELD—Finest spring variety for the South. Heads, when mature, average from 10 to 12 pounds each, very solid and hard. Remarkable for its quick growing habit, being two weeks earlier than the flat-head variety.

EARLY DRUMHEAD—A round flat type which produces a large head.

Postpaid prices: Pkt. 5c; oz. 20c; ¼ lb. 60c.

Pe-Tsai.

Second Early Varieties

ALL SEASON (KRAUT CABBAGE)—A desirable large cabbage of intermediate season, adapted for fall and late summer use. Heads are nearly round or somewhat flattened, very solid and of excellent quality.

CHINESE or PE TSAI—This variety is straight and has short leaves. Makes a solid head with few outer leaves and matures quickly. The shape of the head somewhat resembles celery and for that reason this variety is sometimes called Celery Cabbage. If boiled like cabbage it must be cooked quickly.

STEIN'S FLAT DUTCH—The best and largest early flat cabbage for the South. Heads often weigh 20 pounds and are very solid. Mature earlier than any other variety of equal size. Highly suitable for every growing season.

Charleston Wakefield.

LARGE LATE FLAT DUTCH—One of the best varieties for fall and winter use, largely planted by our local gardeners. Plants are exceptionally vigorous with large broad outer leaves which are moderately smooth.

SUCCESSION—Plant both spring and fall. Produces medium to large solid heads. This is a good variety for general purpose.

Postpaid prices: Pkt. 5c; oz. 20c; ¼ lb. 60c.

Stein's Flat Dutch Cabbage.

Frost Proof Cabbage Plants

Grown from Square Brand Seeds. Varieties: Early Jersey Wakefield, Stein's Early Flat Dutch, Copenhagen Market. Plants packed 100 to the bundle and orders filled in multiples of 100 only, one variety to the 100. Plants ready for shipment January 15th. **Remittance must accompany order, no plants shipped C. O. D.**

Postpaid prices: 100 plants 65c; 200 plants $1.00. Write for special quantity prices.

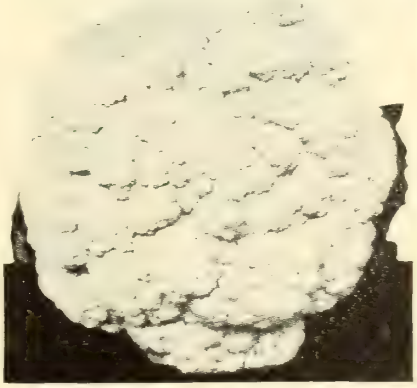
Cauliflower

CULTURE — For spring and early summer crop, sow in February or March in a hotbed. Transplant to cold frames when large enough to handle. Set out after all danger of hard freezing is past. The soil should be like that used for cabbage.

For a fall crop, sow in July or August and treat the plants as explained above. To bleach the heads, tie the leaves over them. A package will produce about 150 plants; an ounce about 2,000 plants.

EARLY SNOWBALL—Unquestionably the earliest maturing variety. Adapted for forcing or wintering over for early crop; also one of the best sorts for late summer and fall crop, most desirable for the home garden. Heads are of medium to large size, solid, round, very white and are developed earlier than those of any other variety.

Postpaid prices: Pkt. 10c; ½ oz. 75c; oz. $1.25



Early Snowball Cauliflower.

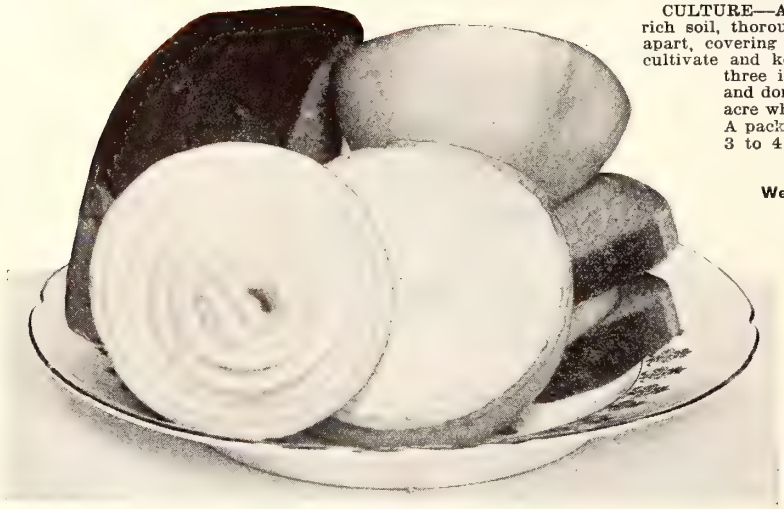
Brussels Sprouts

A vegetable growing in market value. Used extensively for boiling. Very good when served in cream sauce. Sprouts resemble miniature cabbages, growing closely on the stalk of the plant. Plant is very hardy and will live through the winter in most sections of the South. Plant and cultivate like cabbage. Be sure to plant some this year. **Postpaid prices: Pkt. 10c; oz. 25c; ¼ lb. 75c.**

Even a very small garden can be made to yield enough vegetables for the average family, from good Square Brand seeds and a little work.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Square Brand Onion Seed



Bermuda.

CULTURE—As early in spring as ground can be worked sow in rich soil, thoroughly pulverized, and level in rows 13 to 15 inches apart, covering one-half inch deep. When the plants are well up, cultivate and keep free from weeds. When large enough, thin to three inches apart. If sets are wanted, sow seed thickly and don't thin out, using from 25 to 40 pounds of seed per acre when sown in beds and 8 to 10 lbs. when sown in rows. A packet will sow about 50 feet of drill; an ounce 150 feet; 3 to 4 pounds per acre.

BERMUDAS

We offer only true Teneriffe grown Bermuda Onion Seed grown for us under contract, by the most reliable growers in the Canary Islands.

YELLOW BERMUDA — Sometimes called White Bermuda. Light straw color, and is very popular. Bulbs are somewhat flattened, of medium size, and very sweet. Will keep better and longer than the Crystal White Wax.

CRYSTAL WHITE WAX BERMUDA—Most attractive of all onions; a clear waxy white variety with a delightful mild flavor; somewhat flat, sometimes growing to the size of saucers. A popular variety.

Pkt. 10c; oz. 35c; ¼ lb. $1.00; lb. $3.00; postpaid.

OTHER VARIETIES

AUSTRALIAN BROWN—The long-keeping onion; will last through the winter if stored in a dry place. Has a neat round shape, very firm and solid in texture. Has a pungent flavor, and the skin is an amber-brown color.

RED WETHERSFIELD—A variety of large size, very productive and an excellent keeper. Color deep purplish-red, flesh white, moderately grained and very mild.

SILVER SKIN—(WHITE PORTUGAL)—A medium sized onion of mild flavor, with a beautiful clear white skin. A favorite for use when young as a salad or bunching onion, and for pickles. Bulbs nearly round when of bunching size, and somewhat flattened when mature.

MAMMOTH SILVER KING—The largest of the White Onions. Flat and thick, mild in flavor and a good keeper.

WHITE PEARL—Early and popular with market gardeners. Large flat onion of mild flavor. Good for home use also.

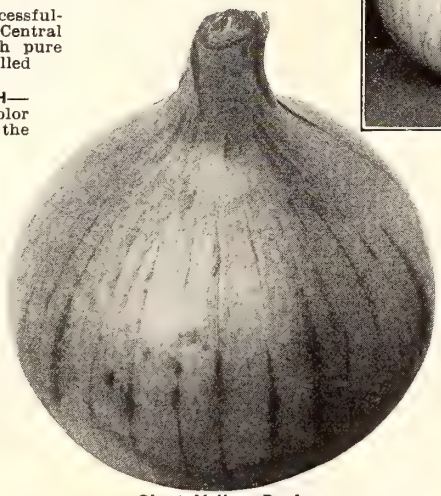
GIANT YELLOW PRIZE-TAKER—Successfully grown in all parts of Texas and the Central South. Skin a light straw color, flesh pure white, very fine grained, and can be pulled 60 days after planting.

GIANT RIVERSIDE SWEET SPANISH—A globe-shaped onion of bright yellow color and mild flavor, a little larger than the Prizetaker. A good yielder and a splendid keeper; a fine variety for home or market use.

GIANT YELLOW DENIA—The improved yellow Prizetaker; very large, light yellow in color, globe-shaped, small top, and a wonderful shipper. Very mild, and of excellent flavor.

Postpaid Prices: Pkt. 10c; oz. 25c; ¼ lb. $1.00; lb. $3.00.

Silver Skin Onions.



Giant Yellow Denia.

Onion Plants.

Bermuda Onion Plants

Be sure to raise an early crop of Onions—from our genuine Bermuda Onion Plants.

For an early crop of onions, you should set out Bermuda Onion plants. A most desirable method to produce your onion crop, less labor and trouble, and you will have onions ahead of those who plant seed. Plants can be set out at the same time as Cabbage plants, in rows 15 inches apart and 3 to 4 inches apart in the rows. The following varieties furnished from January 10th to April 1st:

YELLOW BERMUDA—This variety described fully above.

CRYSTAL WHITE WAX BERMUDA — The most attractive onion grown. Fully described above.

Postpaid prices:
25c per 100; $1.00 per 500; $1.75 per 1,000.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Leek

Serve boiled and buttered on toast.

CULTURE—Sow in rows 18 inches apart and ½-inch deep. Seed should be covered firmly. Thin plants to 6 inches apart in the row and draw the earth about them when cultivating. A packet will sow about 25 feet of drill; an ounce 100 feet; 4 pounds to the acre.

LARGE AMERICAN FLAG — A desirable strong-growing, broad leaved leek; hardy and productive. A favorite with many market gardeners, also extensively used for the home garden. **Prices: Pkt. 10c; oz. 25c; ¼ lb. 75c; postpaid.**

Large American Flag Leek.

Onion Sets.

Artichoke

SQUARE BRAND GREEN GLOBE—The scales and bottom of the flower heads are eaten, either boiled or as a salad. Sow in hotbeds or indoors until danger of frost is over. Then set in rows 4 feet apart and 2 feet apart in the row. Later in the fall cut off the old tops and thoroughly protect the rows with leaves or straw to prevent severe freezing. **Postpaid: Pkt. 10c; ½ oz. 35c; oz 65c.**

Herbs

CULTURE—Most herbs thrive best in sandy soil and are better flavored when grown on poor soil. The soil should be carefully prepared and well cultivated as the young plants are easily choked out by weeds. Sow as early as the ground can be made ready in drills 16 to 18 inches apart, lightly pressing the soil over the seed. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

DILL—An annual of aromatic odor and warm pungent taste. Seeds are used for seasoning, produces medicinal properties but it is largely used for making dill pickles.

SAGE—One of the most extensively used herbs for seasoning. Cut the leaves in tender shoots just as the plant is coming into flower and dry quickly in the shade.
Postpaid prices: Pkt. 10c; 3 pkts. 25c.

Seed Sweet Potatoes

CULTURE—Cover about five inches deep and water moderately. When plants are formed set one foot apart on ridges four feet apart, well drawn up and rather flat.

CERTIFIED PORTO RICAN YAMS—The best keeper. Flesh is fine grained, juicy; color, golden red. **Prices: Pk. 50c; bu. $1.75; not prepaid.**

Sweet Potato Slips

Beginning about April 20th we will have Porto Rican Yam slips grown from Certified seed. **Prices: 100 plants 40c; 500 plants $1.50; 1,000 plants $2.25; postpaid. Ask for prices on larger quantities.**

Semesan Bel Increases Your Potato Yield

At a cost of only 1½c to 3c for each bushel of seed planted, you can disinfect your seed potatoes and increase your yield. Semesan Bel treats quickly, easily, and effectively. It insures you against scab and rhizoctonia—two virulent diseases that play havoc with potato production. Only by controlling these and other destructive diseases can you hope to obtain the lowest bushel cost and the greatest bushel profit.

A single pound of Semesan Bel will treat from 60 to 80 bushels of seed potatoes. **Postpaid prices: 4 oz. tin 50c; 1 lb. tin $1.75; 5 lb. tin $8.00; 25 lb. pail $31.25.**

As you note on this page, it is time to plant for late summer and fall gardens, late cabbage, sweet corn, mustard greens, Irish and sweet potatoes, turnips and late squash. Have fresh vegetables on your table **every** day of the year, from your own garden. You can—you know, by successive plantings, and such soil irrigation, as is shown in the illustration at the top of inside front cover.

Selected Onion Sets

RED—Very hardy and good keepers. **Prices: Lb. 35c; 3 lbs. 90c; postpaid. Ask for prices in larger quantities.**

YELLOW—Produce medium-sized, globe-shaped yellow onions. **Prices: Lb. 35c; 3 lbs. 90c; postpaid. Ask for prices in larger quantities.**

WHITE—These sets produce large silvery-white onions, of the finest quality. **Prices: Lb. 35c; 3 lbs. 90c; postpaid. Ask for prices in larger quantities.**

Roots

ASPARAGUS—**See page 4.**

HORSERADISH — Horseradish can be grown successfully almost anywhere in the South, but gives best results in rich, rather moist, partly shaded locations. **Postpaid: 40c per doz.; 25 roots 70c; 50 roots $1.20; 100 roots $2.15.**

RHUBARB or PIE PLANT—The earliest plant you can use in the spring for pie-making and stewing. Also has great medicinal qualities. Recommended for Gulf Coast sections, but it does well in the central south and central north in moist, rich, heavily fertilized, partly shaded locations. Set out the roots in early spring. **Postpaid: 25c each; $2.50 per dozen.**

For July Planting

VEGETABLES

	Page
Cabbage, Late	15
Corn	5
Mustard	10
Potatoes, Irish	17
Potatoes, Sweet	17
Rutabaga	12
Squash, Late	4
Turnips	12

FIELD

Clover	30
Corn	25
Darso	26
Peas, Stock	29-31
Rye	24
Sorghum	26-27
Sunflower	24
Vetch	31

Broccoli.

Broccoli

Plant a packet this year—and you'll want this fine vegetable every year hereafter

CULTURE — The same as Cauliflower. A packet will produce about 100 plants; one ounce will produce 1,500 plants

CALABRESE GREEN SPROUTING—A variety that is very popular in this section. The head is a compact cluster of tightly closed flower buds and resembles cauliflower only in shape. Served the same as asparagus. It is adapted to growing in spring, summer and fall
Postpaid prices: Pkt. 10c; oz. 40c; ¼ lb. $1.25.

Square Brand 10c and 15c packets of flower seed offer **more** seed than is found in the average packet of the same price; and the same care is used in the selection of high grade flower seeds.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Seed Irish Potatoes

IT PAYS TO PLANT CERTIFIED SEED AND TO TREAT WITH SEMESAN BEL

It is false economy to save fifty cents a bag by buying ordinary seed potatoes, when certified seed can be had. The most successful potato growers use nothing but certified seed. Certification has done for potatoes what breeding has done for horses, cattle, hogs, etc. Less disease, more No. 1 potatoes and greater profit to the grower. Every bag carries the tag of the inspection authorities; this is an assurance that every safeguard has been applied to have them as pure as is humanly possible.

CULTURE—Plant about four inches deep in rows 28 to 34 inches apart, and drop the potatoes 10 to 15 inches apart in the row. Soil should be well manured or well fertilized. A ridge should be thrown over the potatoes after planting and then leveled down just before the potatoes come through, and cultivate well until in bloom, and then ridge up again and leave alone until harvested.

CERTIFIED BLISS RED TRIUMPH—Those who prefer a potato with a pink skin and white flesh, or who grow for markets where this color is in demand, we recommend our Certified Bliss Triumph. It is one of the very earliest, nearly round, and peels without waste. A fine yielder and always in good demand. **Ask for prices.**

CERTIFIED IRISH COBBLER—A very good shipper, somewhat larger than the Triumph and white in color. Especially desirable for black soils. **Ask for prices.**

Certified Irish Cobbler.

Square Brand Southern Grown Watermelons

CULTURE—The seed should be planted in hills about 8 feet apart and it is well to work into the soil an abundance of well-rotted manure. It is important that the seed should not be planted before the ground becomes warm and dry, as the young plants are very sensitive to cold and wet. Put 10 to 12 seeds in a hill. When the plants have formed the first pair of rough leaves, they should be thinned so as to leave 2 or 3 of the strongest and best to each hill. Frequent watering of the plants, with liquid manure, will hasten the growth, thus diminishing the danger from insect pests. Cultivate until vines cover the ground. A packet will plant about 10 hills; an ounce 30 hills: 3 to 4 pounds per acre in hills.

SQUARE BRAND SPECIAL TOM WATSON—Seed grown for us in Parker County, from selected stock seed, and will produce the very best melons that can be grown. We sell large amounts of this seed to the truck growers in Texas, as it is necessary for them to produce the largest and very best melons in order to market them. Melons sometimes weigh over 90 pounds, and are entirely free from white hearts or stringiness and as sweet and luscious as any other melon. If you are growing melons for the market, you should plant this seed, as it will produce fruits that will sell at sight and bring the highest possible prices. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.50; postpaid.**

ALABAMA SWEET—Another melon with deep green rind, irregularly striped with darker shade of green. Splendid shipper. Flesh dark pink, free from stringiness. Melons average 30 pounds in weight and mature in 90 days. **Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c.**

KLECKLEY'S SWEET—Vines are vigorous and productive. Fruits medium to large, oblong, tapering slightly towards the stem end. The flesh is a very bright rich red and is exceedingly sweet; will not stand shipping well. Edible in 87 days. Widely used for the home garden and nearby market. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

IRISH GREY—A long melon, rather large in size, and becoming more popular as a shipping variety. The rind is a light green color, flesh a sparking red, very sweet, and entirely free from stringiness. Vines are vigorous, healthy, and hold up and produce fine melons late in the summer where other sorts die out. Average weight, 35 pounds. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

Halbert Honey Melon.

GOLDEN HONEY—The best of the yellow-fleshed melons. Oblong in shape, rind dark green with irregular stripes of a darker green. Average weight of the melons is 20 pounds, and they are edible in 90 days. The flesh is a speckled golden color, very attractive. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

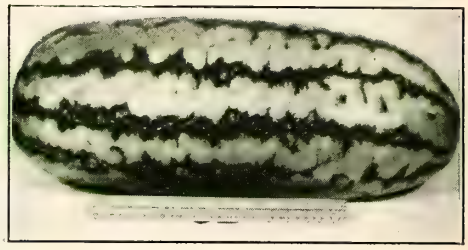
WONDER MELON—The most delicious flavored melon grown. Rich red flesh, full of flavor up to the rind and does not show hollow. The rind is thin but tough, insuring safe shipment for reasonable distances. It is large and long, resembling the Tom Watson, though it is thicker, and the color is a dark solid green that makes it very attractive in the markets. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

TOM WATSON—Ideal for shipping. Rind a deep green, indistinctly veined and very tough and elastic. Shape long and cylindrical; flesh sweet, very firm, and crimson color. Very popular for home and market use. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

GEORGIA RATTLESNAKE (Texas Means)—Another light green melon, lighter green stripe, and one of the most popular shipping varieties. Flesh scarlet, tender and sweet. Rind is tough but thin. Matures in 95 days. **Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c.**

ANGEL KISS—Oblong melon with mottled silver gray rind. Rind is very tender and thin. Bright red flesh which is solid and delicious flavored. A fine melon for home gardens, maturing in 90 days. **Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c.**

RADIO—A dark green melon striped with mingled lighter green. Thick rind, insuring long keeping and making it a good shipping variety. Flesh deep red and sweet, entirely free from hard centers and stringiness. Vines very prolific, matures in 90 days. **Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c.**



Georgia Rattlesnake.

HALBERT HONEY—A medium early home market melon. Is second only to Kleckley Sweet in popularity for home gardens and nearby markets. Shape, long and cylindrical; rind a deep green with fine grains. Melons average 35 pounds. The flesh is a delicious crimson-red nearly to the rind; entirely free from any stringiness. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00; postpaid.**

Stone Mountain

STONE MOUNTAIN — An extra large and heavy melon, almost round. Rind dark green and medium tough. Flesh a rich scarlet, extra sweet, and free from stringiness. For home and nearby market use this variety stands up under most trying conditions, making fine crops of late melons that sell over any other melon. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES

Pumpkins

CULTURE—May be planted in middle of spring among corn or in hills 8 to 10 feet apart each way. Four seeds in a hill. If planted in hills, they are cultivated in the same manner as melons and cucumbers. For winter use gather before frost and store in a warm, dry place. Use a packet to five hills; an ounce for 25 hills; 3 to 4 pounds per acre.

Kentucky Field Pumpkin.

WHITE CASHAW—Similar to the green striped strain but somewhat smaller, and the skin is pure white. Matures early and is a very pleasing variety. **Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.**

KING OF MAMMOTH PUMPKIN—The largest of all pumpkins; often called Hundred Weight. Used largely for stock feeding, and for exhibition purposes. Bright lemon in color, mottled with orange color, round with a trace of ribbing. **Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 35c; lb. $1.00.**

CONNECTICUT FIELD—Also called Big Tom. A standard cornfield variety, producing quantities of large orange-colored pumpkins, the fruits averaging 25 pounds in weight.

GREEN STRIPED CASHAW—Fruits are crook-necked, with the seed in the blossom end. Rind white, mottled with irregular green stripes. Average weight is about 12 pounds. Most popular of the Cashaw types. Early and very productive. Measures 16x10 inches.

JAPANESE PIE—Similar in shape to the Cashaw pumpkin, crook-necked, but the skin is a dark green, often showing a trace of lighter green stripes. A very early popular variety, and furnishes a large amount of food for stock or canning. Fruits weigh from 10 to 12 pounds.

LARGE CHEESE—Fruits very flat, green-colored, and slightly ribbed. Widely used for canning purposes. Keeps exceptionally well. Extremely prolific, and disease resistant. Fruits weigh 9 pounds.

KENTUCKY FIELD PUMPKIN—Used very largely for canning, and for stock feeding. Fruits flat; seed small and rough. A very hardy late variety. The fruits weigh 10 pounds, and measure 12x7 inches.

SMALL SUGAR PUMPKIN—A late, but very productive variety, thick, sweet flesh, adapted for all purposes. Fruits are round, and flat on the ends; with a deep orange color, and weight from 6 to 7 pounds.

TENNESSEE SWEET POTATO—Fruits are pear shape, of medium size, and with a white skin, slightly mottled with green stripes of light shade. Fruits average 15 pounds in weight, and the flesh is a creamy white and very thick and sweet. Matures early and a very useful type.

Postpaid prices: Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

August Planting

VEGETABLES

	Page
Beans	2-3
Cabbage Plants	15
Carrots	8
Cauliflower	15
Celery	7
Corn	5
Cucumber	7
Endive	11
Mustard	10
Onion Sets	17
Parsley	11
Peas	6
Potatoes	17
Rutabaga	12
Spinach	10
Turnips	12
FIELD	
Barley	24
Clover	30
Darso	26
Peas (Field)	29-31
Rape	31
Rye	24
Vetch	31

MR. TOM KILMER, Atoka, Okla., writes: "Please send me your new spring catalog. I have ordered garden seed from you for three years and find them to be the best seed I ever planted."

Large Cheese Pumpkin.

Square Brand Cantaloupe or Muskmelon

CULTURE — After danger of frost is past, plant in rich soil, preferably sandy loam in hills from 4 to 6 feet apart. Put 10 to 12 seeds in a hill, cover with about 1 inch of fine soil, firmly pressed down. When the plants begin to crowd, and the striped beetles are pretty well gone, thin to 4 of the most vigorous plants in the hill. Give frequent but shallow cultivation until the plants make runners. Rich earth for the young plants is far better than manure, but if the latter must be used, see that it is well rotted and thoroughly mixed with the soil. Use a packet to 16 hills; 1 ounce to 50 hills; 2 to 3 pounds to acre.

Netted Rock.

Green Fleshed Varieties

GOLD LINED ROCKY FORD—A selected type from the green flesh Rocky Ford. Has a gold lining next to the seed cavity, making it unusually attractive when cut. Medium late in maturing. Flesh very thick, sweet and spicy; shape round with a complete covering of netting, and no ribs.

NETTED ROCK—This is a heavily netted type of the Rocky Ford with an almost absence of ribs. Flesh is green, sweet and spicy and has not been excelled by any other melon. Weighs 2½ pounds.

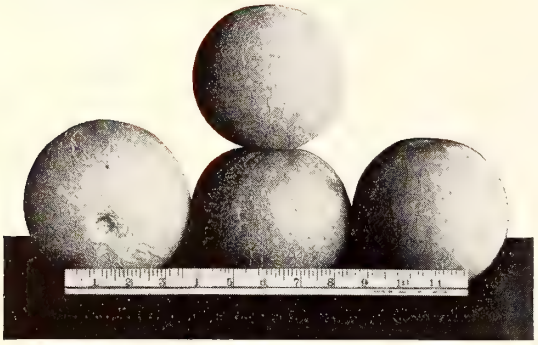
TEXAS CANNON BALL—Perfectly round green-fleshed melon, heavily netted. Early and its most remarkable feature is its thickness of the flesh. Melons weigh 3¼ pounds each.

EARLY GREEN NUTMEG—Fruits heavy ribbed and netted. This cantaloupe is small and almost round, but it is extremely prolific and a very early variety, and flesh is very delicious. The fact that it is so hardy and prolific mades it one of the most valuable of the early cantaloupes.

EARLY HACKENSACK—A melon demanded by many markets and extensively used in home gardens. Matures in 80 days. Fruits are medium large, nearly round, evenly and deeply ribbed and with a very coarse netting. Skin is green slightly tinted with yellow as fruits mature. Flesh green and medium fine texture, of very good flavor.

Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.



Honey Ball.

Square Brand Cantaloupes

GREEN FLESHED VARIETIES

(Continued)

HONEY BALL—A cross between the Texas Cannon Ball and Honey Dew Melon. The best drought-resisting melon that has ever been grown in Texas. A little larger in size than the Rocky Ford, is round and has a very thick wall of delicious green meat which can be eaten to the rind. Melons weigh 3½ pounds. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 50c; postpaid.**

HONEY DEW—Shape of the Honey Dew is perfectly round, skin smooth, light cream in color. Matures quite late and does not grow to perfection except in the South. A very good shipping variety and if properly stored it will remain edible for months. **Prices: Pkt. 10c; oz. 20c; ¼ lb. 50c; postpaid.**

Hale's Best Cantaloupe.

Salmon Fleshed Varieties

HALE'S BEST—Salmon flesh of exceptional thickness. Shape is oval, with heavy netting and fairly prominent ribs. A remarkable, very early melon from the Imperial Valley in California. **Prices: Pkt. 10c; oz 15c; ¼ lb. 25c; postpaid.**

BURRELL GEM—An oval pink flesh melon, heavy netted. Ribs are not prominent, flesh very sweet and spicy. This melon ships very well. It yields abundantly and is second only to the Rocky Ford types in popularity for shipment. Melons are medium large. **Postpaid prices: Pkt. 10c; oz. 15c; ¼ lb. 25c.**

GOLDEN BEAUTY CASABA — The finest of the Casabas. Fruits nearly round. About 8 inches in diameter. Skin wrinkled. Golden colored when ripe. Flesh white, very thick and sweet. Under proper conditions will keep 2 or 3 months. If you have not grown Casabas in the past, be sure to try them. **Postpaid prices: Pkt. 10c; oz. 20c; ¼ lb. 50c.**

IMPROVED PERFECTO—An early variety, ripening in 80 to 85 days. Seed cavity triangular, flesh a deeply tinted salmon color; shipping and keeping qualities excellent. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; postpaid.**

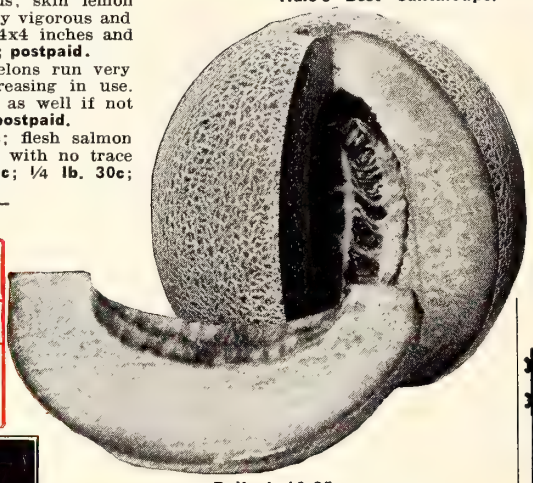
BANANA—An extremely long melon tapering at both ends; skin lemon colored when mature and the flesh pink; very delicious. Very vigorous and hardy, although rather late in maturing. Fruits measure 14x4 inches and weigh 7 pounds each. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 25c; postpaid.**

HEARTS OF GOLD—Selection from Hoo Doo variety. Melons run very uniform in size. A splendid shipping variety steadily increasing in use. The seed cavity is remarkably small and the melon carries as well if not better than the Pollock types. **Prices: Pkt. 10c; oz. 15c; postpaid.**

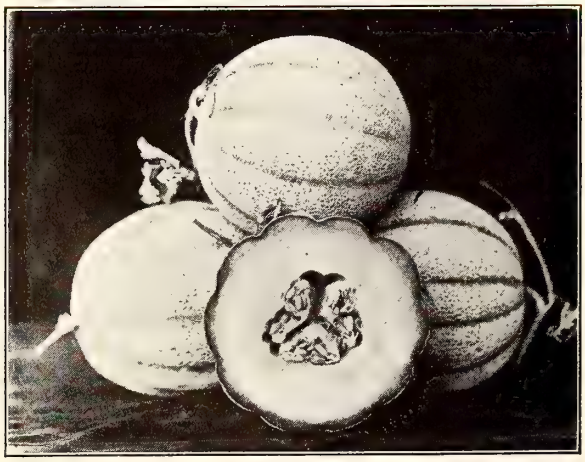
POLLOCK 10-25—A selection out of the Rocky Ford type; flesh salmon tinted instead of green; fruits uniform and heavily netted, with no trace of ribs; vines are rust resistant. **Prices: Pkt. 10c; oz. 15c; ¼ lb. 30c; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES.

The seeds you get when you go to your Square Brand dealer, are selected for early maturity, vitality and large yields. They are as near perfect as you can buy. Plant only **known quality** seeds and make your work count.



Pollock 10-25.



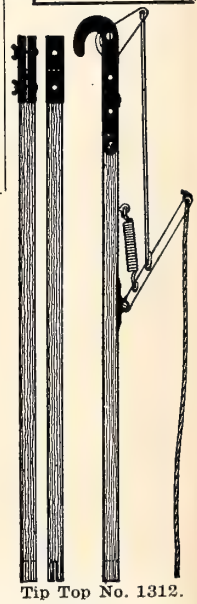
Hearts of Gold.

TIP TOP TREE TRIMMER.

A strong light aeroplane spruce pole, stained green, with simple, positive rugged joints that can be set up or taken down easily and quickly. Has hardened and tempered cutlery steel blades —nothing to get out of order. A pull on the rope cuts a branch and a spring opens the pruner for the next cut. Can be used as a 4, 8 or 12 ft. pruner, and additional 4 ft. section can be added to make it even longer. The only practical joint pruner selling at so low a price. Cuts one-inch limbs easily. Removes worm nests, trims climbers, prunes young fruit trees, high shrubs, berry briars and bushes, also picks high growing flowers.

No. 1312—Tip Top Tree Trimmer; with 2-4 ft. sections in carton. Shipping weight, 6lbs. **Postpaid** $2.45

No. 13-S—4 Ft. Section Pole for above. Shipping weight 2 lbs. **Postpaid** 75c



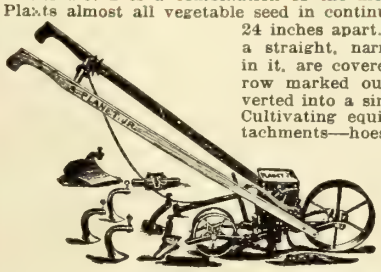
Tip Top No. 1312.

Handy Tools for Yard and Garden

PLANT AND CULTIVATE EFFICIENTLY WITH

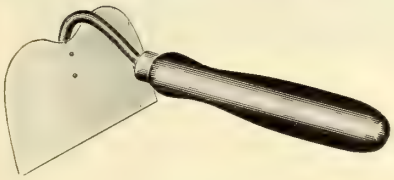
No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe

The No. 4 is a combination of the most useful tools for a home garden. Plants almost all vegetable seed in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. A plow adjustable for depth, opens a straight, narrow furrow, the seeds are dropped in it, are covered and the soil firmed, and the next row marked out all in the same operation. Converted into a single wheel hoe by changing one bolt. Cultivating equipment includes the most useful attachments—hoes for weeding and shallow cultivation —cultivator teeth for deeper and general cultivation — and the plow for furrowing and ridging. Shipping weight, 50 pounds. **Price: $16.75, F. O. B. Dallas.**



Planet Jr. No. 4

No. 4-D—Same as No. 4, but without cultivating attachments. Shipping weight, 37 pounds. **Price: $13.50, F. O. B. Dallas.**

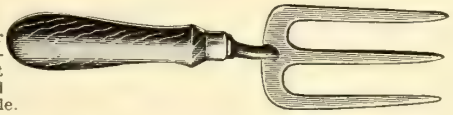


Hoe

No. 250—This convenient hand tool is made with wood handle and bright steel hoe. Very convenient for close work. Every gardener should have one. **Postpaid** **20c**

Garden Fork

An extremely handy tool for work around flowers, small vegetables. Made of medium weight malleable iron, finished in red enamel with natural wood handle.



No. 1—Postpaid ..... **20c** No. 1.

Trowels

No. 0100.

Everyone must have one of these convenient trowels for satisfactory work in the garden. Just the thing for transplanting. Can furnish either in the short handle or long handle.

No. 02—Wood handle, garden trowel, natural finish. Trowel 6 inches long. **Postpaid** **15c**

No. 0100—Extra heavy steel, polished blade, extra long handle, hand-turned, finely finished, length 14½ inches over-all. **Postpaid** **30c**

Owasco Grass Hooks

These hand scythes have dozens of uses. The Owasco is tempered, ground and whetted to a sharp keen edge, just what you need for cutting weeds, tall grass, etc. **Postpaid** **50c**

Grass Shears

A very efficient proven type of grass shear much superior to the old sheep shear type. Nothing to wear out; easily sharpened and clean easy cutters. Malleable iron handles, hollow ground cutlery steel blades, beautifully finished. The easy adjustment stays just right, and the shear will give years of good service. Blades 6 inches long.

No. 017.

No. 017—Ring Clasp; green enameled finish. **Postpaid** . **75c**

Ezy-Cut Lopping Shears

No. 26.

A powerful and extremely strong pruner for heaviest cutting. Heavy tool steel forgings, heat treated and accurately ground, joined with bolt and nut and fitted with heavy slick ash handles with long strapped ferrules. **No. 26**—30-inch handles. **Postpaid** **$3.75**

No. 46.

Hedge Shears

A popular priced general purpose shear that will cut the average household hedge easily, and do a perfect job. Designed for light trimming of small hedges and very efficient considering their low cost. The shear is properly balanced, cuts clean and easily, handles are hard wood, shaped to fit the hand, and fitted with heavy ferrules. This tool is light weight, but plenty strong for light work.

No. 46—6-inch blade **Postpaid** **85c**

No 24N-8—8-inch blade. **Postpaid** **$1.75**

September Plantings

VEGETABLES

	Page
Beets	8
Broccoli	17
Cabbage Plants	15
Carrots	8
Cauliflower	15
Celery	7
Collards	10
Kohl Rabi	12
Leek	16
Lettuce	11
Mustard	10
Onions	16-17
Parsley	11
Parsnips	12
Peas	6
Radish	9
Rutabaga	12
Spinach	10
Swiss Chard	10
Turnips	12

FIELD SEEDS

Alfalfa	30
Barley	24
Clover	30
Oats	24
Rape	31
Rye	24
Vetch	31
Wheat	24

Pruning Shears

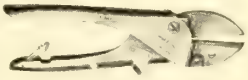
No. 06.

Everyone must have a good pruning shear, even though you only have one or two shrubs. One of the two offerings below will fit your needs.

CALIFORNIA PATTERN—A low priced shear for light pruning, which will give very good results. Large cast iron handles with hardened polished blade, well made and a good value.

No. 06—Green enamel finish. **Postpaid** **50c**

SNAP CUT PRUNER—It out-cuts all other pruners on the market. The thin keen blades cut on to the soft metal anvil with a powerful drawing or sliding action that cuts a ¾-inch branch with surprising ease. Makes a perfectly clean cut on large or small branches. The small size light weight handles fit the hand of either man or woman and makes pruning easy. Handles cannot pinch the hands, they are rust-proof chrome finish. All-steel construction—cannot break or bend. Blade is easily honed and will stay sharp. The soft anvil does not dull it.



No. 119.

No. 119—7¾ inches long. **Postpaid** **$1.75**

Decorative Garden Birds

Beautiful garden ornaments to be used on lawns, trees, vines, plants and fences. Serve admirably as plant supports.

Birds are made in natural size and colored on both sides with weatherproof enamel in natural life-like colors. Swivel mounted on strong 22-inch green enamel stakes. Their natural swinging movement and life-like appearance attract song birds to your garden and lawn. Very decorative. **Postpaid prices to you: Each 25c; 2 for 40c; 3 for 55c; 6 for $1.00.**

"THEY SWING WITH THE BREEZE"

Your lawn, flowers, vegetable garden, shrubs, and trees—everything you plant—needs nourishment—a balanced ration. Most soils have been depleted of available plant food. That is why you must add plant food to the soil if your gardening efforts are to be successful.

We recommend that you feed Vigoro. It is the complete plant food containing, in a balanced form, all of the plant food elements plants must get from the soil. It encourages root growth as well as top growth, and when fed regularly to the lawn it helps produce humus in the soil.

Use Vigoro this year and achieve real gardening success. It's economical—4 pounds feed 100 square feet of gradening area. For more information, see page 46.

Build a New Lawn

If your lawn is to be graded, remove the top soil to a depth of six to eight inches, then grade and replace the top soil after the grade is completed. The top soil should be thoroughly harrowed and raked to reduce to as fine a condition as possible; also, be sure to level it, as an uneven surface detracts from the appearance of a lawn. You should then apply Vigoro Plant Food at the rate of 4 pounds to the 100 square feet, after which the grass seed should be sown and the lawn raked or harrowed, as well as rolled if possible. This work may be done either in the spring or fall of the year. After planting the seed, the ground should be kept well watered and Vigoro should be applied at least two additional times during the first season.

Rebuild Your Old Lawn

If your old lawn has become unsightly there may be a number of reasons. During the past several years a large amount of cheap commercial fertilizer has been used. It runs a 16 to 18 per cent nitrogen analysis, usually consisting either of Acid Phosphate or Sulphate of Ammonia. Continued applications have resulted in a coarsening of the grass. On such lawns about all that can be done is a thorough plow-up, harrowing and fertilizing with Vigoro Plant Food. If the lawn is of Bermuda Grass the roots will come back and form a satisfactory turf in the spring, although reseeding it will improve the quality of the grass. Use good plant food on your lawn. More lawns are ruined from unbalanced fertilizer than from any one other cause.

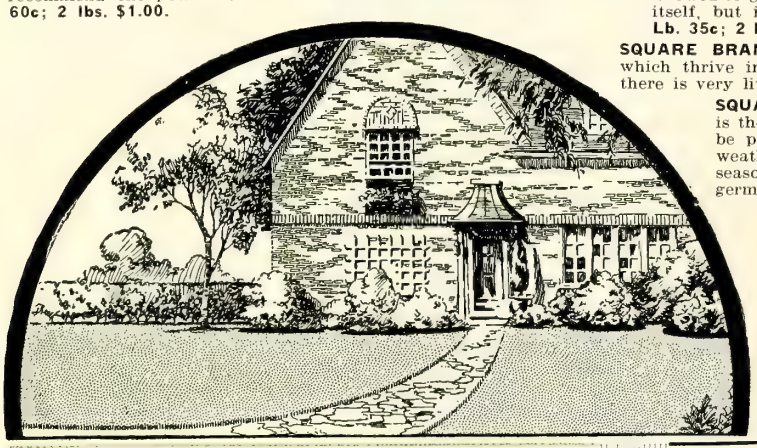
Square Brand Lawn Grass Seeds

No one kind of grass will produce a lawn which will keep green through the entire year, and for that reason we have a number of different kinds of mixtures. If you have a satisfactory summer lawn, then our Winter Grass Mixture may be used to produce a winter lawn. Winter lawns must be reseeded every year unless they are allowed to go to seed in the spring before cutting, which is not usually done. If you have shady spots, then plant our Shady Mixture in those places. Bermuda will not grow in shady spots.

Our Evergreen Mixture will insure a year round green lawn for one year, but after the first year, Winter Grass should be added each fall.

SQUARE BRAND EVERGREEN MIXTURE—A mixture composed of fine leaved, hardy grasses, which will not only stand the heat of summer but be beautiful and green all winter. After the first winter, however, be sure to add Square Brand Winter Lawn mixture each year unless the winter grass is allowed to go to seed in the spring of the year and thus reseed itself. Sow seeds thickly. We recommend one pound to two hundred square feet. **Postpaid: Lb. 60c; 2 lbs. $1.00.**

SQUARE BRAND WINTER LAWN MIXTURE—Sow during September or October at the rate of one pound to two hundred square feet. Before sowing mow the lawn very close and if the Bermuda is very thick, give it a top dressing of one inch loamy soil and Vigoro. Afterward rake the lawn thoroughly so as to mix the seed and soil and then keep it well watered until the grass begins to grow. If allowed to go to seed in the spring of the year this grass will reseed itself, but if kept cut it must be replanted each year. **Postpaid: Lb. 35c; 2 lbs. 65c.**



SQUARE BRAND SHADY LAWN MIXTURE—A mixture of grasses which thrive in shady locations, under trees or close to walls where there is very little sun. **Postpaid: Lb. 60c; 2 lbs. $1.00.**

SQUARE BRAND BERMUDA GRASS—Bermuda Grass seed is the best for sunny exposures and summer lawns. It should be planted either in the spring or late summer when the weather is warm and the soil moist. If sown before a rainy season the seed will come up in a short time,but otherwise it germinates slowly. Sow 6 lbs. for every thousand square feet. When mixed with dry sand it is easier to get an even distribution. **Postpaid: Lb. 50c; 2 lbs. 90c.**

SQUARE BRAND CARPET GRASS—This grass is growing more popular for lawn purposes, especially in localities where there is ample rainfall. It is preferred to Bermuda because it is more easily controlled. A plow-up kills carpet grass whereas it does not affect Bermuda. It is not desirable to withstand long drouths, however. **Postpaid: Lb. 50c; 2 lbs. 90c.**

KENTUCKY BLUE—A desirable lawn grass in some sections of Texas. We recommend it only where it has been proven, however. Plant 1 lb. to the 200 square feet. **Postpaid:1 lb. 50c; 2lbs. 90c.**

Permanent Pasture Mixtures

An investment in permanent pastures has proven highly profitable to every farmer who has made it. Start with small acreage, and increase annually. It's the sure way to practical and profitable livestock raising. Our pasture mixtures are the result of study and experience, and our sales of these mixtures are increasing annually. If sheep are to be pastured, be sure to order your mixtures without bur clover, since the burs get in their wool and reduce the value of the wool.

A profitable permanent pasture.

October Planting

VEGETABLES	Page
Beans	2-3
Beets	8
Broccoli	17
Cabbage	15
Celery	7
Kale	10
Kohl Rabi	12
Lettuce	11
Mustard	10
Onions	16-17
Peas	6
Radish	9
Rutabaga	12
Spinach	10
Swiss Chard	10
Turnips	12
FIELD SEEDS	
Alfalfa	30
Barley	24
Buckwheat	24
Clover	30
Oats	24
Pasture Grasses	23
Peas	29-31
Rape	31
Rye	24
Vetch	31

NORTH AND CENTRAL TEXAS—Bermuda, in North and Central Texas, should be sodded in clumps and since it spreads very rapidly, you will get a good stand quickly. At the same time you sod, or if you already have a Bermuda stand, you should plant our Pasture Mixture for North and Central Texas. This consists of Rye, Dallis and Rescue Grass, Black Medic, Spotted Leaf Bur and Sweet Clover, which should be sown at the rate of 20 to 25 pounds per acre.

GULF COAST—This pasture mixture consists of Carpet, Rhodes, Rescue, Rye, and Dallis Grass, and Lespedeza, White Dutch, Melilotus Indica and California Hulled Bur Clover, to be sown at the rate of 20 pounds to the acre.

EAST TEXAS BLACK LANDS—Our pasture mixture for this territory consists of Bermuda, Rescue, Rye and Dallis Grass, and Black Medic, Hop and Sweet Clover, which is to be sown at the rate of 20 to 25 pounds per acre. Where a stand of Bermuda is already had, the mixture may be ordered without the Bermuda Grass Seed.

EAST TEXAS MOIST LANDS—Our Pasture Mixture for East Texas Moist Lands consists of Dallis, Rescue, Carpet and Red Top Grass, and Lespedeza and White Dutch Clover, which is to be sown at the rate of 20 pounds to the acre.

BOTTOM LANDS IN SOUTHEAST TEXAS—Our pasture mixture for this territory consists of Bermuda, Rye, Dallis and Carpet Grass, and Lespedeza, Hop, White Dutch and Black Medic Clover to be sown at the rate of 20 to 25 pounds to the acre.

EAST TEXAS SANDY UP-LANDS—In this section, also, it is very desirable to have a Bermuda base. Our pasture mixture for East Texas Sandy Up-Lands consists of Rescue, Dallis and Rye Grass, and Black Medic, Lespedeza and Spotted Leaf Bur Clover, which should be sown at the rate of 20 to 25 pounds per acre.

Sudan Grass

Is similar in appearance to Johnson Grass, but is an annual, requiring reseeding every year. Produces well on all kinds of soil. Is drouth-resistant but does not blast with excessive rainfall. A dependable hay crop, with splendid feeding value for all kinds of stock. Also good for silage. In semi-arid regions is planted in drills 36 inches apart, using 5 pounds per acre if seed crop only is wanted, and 8 to 10 pounds for hay. With sufficient season will produce more, and a finer hay if sown broadcast, 30 to 40 pounds per acre. Can get two to three cuttings, depending on length of season and rainfall. Cures easier than sorghum and produces a large tonnage per acre.

SQUARE BRAND SUDAN—Grown from Selected Seed by experienced growers. Double recleaned.

Other Pasture Grasses

ITALIAN RYE (American Grown)—Recommended as one of the best for winter use. Is easily grown and makes splendid winter grazing for all kinds of stock. Also produces a good early spring hay crop. A perennial, reseeding itself if allowed to go to seed, making it fine to mix with other grasses and clovers for permanent pasture. Sow in September or October, using 20 to 30 pounds per acre, if sown alone.

BERMUDA GRASS—See Page 22.

JOHNSON GRASS—Is hard to eradicate in the South, continues to grow year after year from the roots, except in climates with zero temperature. Makes the very best quality of hay, withstands drouth and very prolific.

RESCUE GRASS—This grass grows wild in some parts of Texas, makes a fine winter and early spring pasture, dying when hot weather arrives. It reseeds itself and will come up the following fall. Very good in permanent pasture mixtures. Broadcast in September and October, 20 to 25 pounds per acre.

DALLIS GRASS—A perennial, which grows continuously except in freezing weather. Stands heavy grazing especially on moist ground and will gradually choke out Johnson grass and weeds. Especially good for stopping washes and gullies. Can be planted any time except in drouthy hot summer. 8 to 10 lbs. per acre.

KENTUCKY BLUE GRASS—A good grass for inclusion in pasture mixtures. We do not recommend planting alone in Texas, since it does not stand extreme heat well. Good results are obtained when planted in shady places. Plant 35 pounds to the acre, in the fall of the year.

CARPET GRASS—A perennial, does well on land lacking in lime. Makes splendid permanent pasture and its creeping habit of growth enables it to stand close grazing without injury. It is not a pest. One plowing will kill it. The Government recommends it more highly than Bermuda grass for coastal plains. Also good for lawns and golf courses. Plant in September and October; also February, March, and April, 10 to 15 pounds per acre.

RED TOP OR HERD'S GRASS—Is recommended for heavy, moist lowlands as it withstands wet weather but also does well on most any good rich soil. Sow broadcast 15 to 20 pounds per acre.

MESQUITE or VELVET GRASS—A hardy long-lived perennial with soft broad leaves, never getting coarse. Grows from 8 to 10 inches high. Especially recommended to sow with other grasses or clovers for permanent pasture. Makes the very best quality of hay, but if planted alone does not yield as large tonnage as many other grasses. Sow in September or October; also in March or April, 20 to 25 pounds per acre.

Sudan Grass.

SEE SPECIAL LIST FOR PRICES

Broom Corn.

Broom Corn

SCARBROUGH DWARF—Very much in demand because of its fine, smooth brush. Produces less seed, allowing cleaner threshing.
STANDARD EVERGREEN—Noted for earliness in maturity. Produces very beautiful green brush of long fine quality and well fibered. It is also a good drouth resister and easy to thresh.
Prices: Lb. 20c; 2 lbs. 35c; postpaid.

Winter Rye

Winter Rye is a very valuable winter pasture crop, and is also frequently used as a winter cover crop to be turned under for green manure in the spring. While it adds a great deal of humus to the soil where cover crop is desired, we recommend a combination of Rye with Austrian Winter Peas or Winter Vetch since both of these crops bring nitrogen into the soil in addition to humus. Sow 1¼ to 2¼ bushels per acre.

PRICES—Because the market fluctuates so greatly on cereal grains we refer you for prices to our current price list. If your list is older than three months we suggest your writing for a new one.

Mammoth Russian Sunflower.

Square Brand Sunflower Seed

MAMMOTH RUSSIAN—Produces an enormous head, from 12 to 20 inches in diameter. On light, well drained, well tilled fertile soils yields from 30 to 50 bushels per acre. Plant and cultivate as you would corn. May be planted some earlier, using 8 to 10 pounds per acre. As a poultry food mixed with other grains it has no equal. **Prices: Lb. 25c; 2 lbs. 45c; postpaid.**

Buck Wheat

This crop should be more generally grown in the South for poultry feed. It is well adapted and it may be sown in the very early spring or late summer. It matures in about two months, is easily grown, desirable and profitable for large grain yields. The flower is a fine food for Bees and when turned under this is a good soil improver. Buckwheat smothers weeds; it also makes a fine quality of flour and is a good drouth resister.

SILVER HULL BUCKWHEAT—Grains are a beautiful light gray color with thin husks. **Postpaid prices: Lb. 20c.**

Winter Barley

You can increase your yield by treating all Barley seeds with Ceresan before sowing.

SQUARE BRAND WINTER BARLEY—Makes a fine pasture and will yield from 30 to 60 bushels of seed per acre. Our seeds are grown from pedigreed seeds under supervision of expert growers. Barley has become increasingly popular in Texas for fall and winter grazing, and one of the cheapest pastures available. It provides a large amount of humus if plowed under for a green manure crop in the spring. Sow about 2 bushels per acre.

Because the market fluctuates so greatly on cereal grains we refer you for prices to our current price list. If older than three months we suggest your writing for a new one.

Oats

Ceresan increases your yield of oats.

CERTIFIED PEDIGREED NORTEX OATS—Grown by the Denton County Pedigreed Grain Association, inspected and tested—free from Johnson grass. An oat which will produce the highest possible yield for you.
RED RUST-PROOF OATS—Are grown from exceptionally fine stock seeds by growers who produce strictly for seed purposes. These oats are recognized as one of the finest strains of Red Rust-Proof and are in heavy demand by our customers.
TURF OATS—These oats are extensively planted for winter grazing. Their root system is very extensive, building an exceptionally hardy plant which will regularly produce from 75 to 100 bushels of oats per acre. They take much less seed per acre than ordinary oats—usually 1 bushel being plenty. May be planted in the very early spring, also.

PRICES—Because the market fluctuates so greatly on cereal grains we refer you for prices to our current price list. If your list is older than three months we suggest your writing for a new one.

Seed Wheat

Increase your yield by treating with Ceresan before sowing.

We offer the Mediterranean Bearded Seed Wheat grown for us in Denton County. From experience we know this to be the best variety of seed wheat on the market today. There has been a growing tendency the past few years to buy cheap seed wheat. Unless seeds are bred for vitality and productiveness they will gradually degenerate just as livestock or anything else does. We caution farmers, therefore, to be sure to get good stock, and we offer a seed wheat which is superior to the average wheat on the market.

PRICES—Because the market fluctuates so greatly on cereal grains we refer you for prices to our current price list. If your list is older than three months we suggest your writing for a new one.

Square Brand Millet Seed

Plant some of your well-drained upland in Millet. Our Southern Grown Big German Millet is the finest grade obtainable. If grown for seed, drill and cultivate, planting 5 to 10 pounds per acre; for hay sow 20 to 25 pounds per acre.

SQUARE BRAND BIG GERMAN — Now recognized as the finest quality, becoming more popular each year. Extra large heads, grows rank, best variety for hay for which it should be cut when in full bloom. On good soil a yield of five tons per acre is not unusual. **Prices: Lb. 20c; 2 lbs. 35c; postpaid.**

PEARL OR CAT TAIL (Pencillaria)—Especially recommended for continuous cutting forage plant. Grows very tall but if cut when 3 to 4 feet high, will stool rapidly and can be cut three to four times in one season. Plant 5 pounds per acre in drills 3 feet apart or sow broadcast 20 to 30 pounds per acre. Do not sow before May. **Prices: Lb. 30c; 2 lbs. 55c; postpaid.**

HOG OR MANITOBA—This variety produces an extra large head and grain; high in feeding value for stock and poultry. **Prices: Lb. 20c; 2 lbs. 35c; postpaid.**

Big German Millet.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Square Brand Seed Corn

At the low, per acre, cost no one can afford to plant inferior seed corn. It is one of our most important crops. Good seed costs only a few cents per acre more than poor seed. Yet the yield can easily double or triple the cash you receive for the crop. We recommend Southern grown seed in most instances, especially on good rich soil. We handle Northern grown corn for those wanting early maturity.

Southern Grown Varieties

SURECROPPER—The most popular early maturing corn. Its drouth resisting qualities make it desirable for summer planting as well as spring. Planted extensively on stubble after grain harvest. Large white grain on white cob. Medium large and well-formed ear. Matures in from 100 to 110 days.

YELLOW DENT—The best high-yielding yellow corn for the South—deep large yellow grain. Medium large ears. Withstands storms on account of large stalk. Matures in from 110 to 120 days.

WHITE WONDER—A large ear, with medium large grain and white medium sized cob. Used extensively in South Texas for roasting ears—medium early, maturing in from 110 to 120 days.

STRAWBERRY—A popular and high yielding corn in Texas and other Southern states. Large ear with strawberry colored kernels; a fine all-purpose corn. Matures in from 115 to 125 days.

SQUAW SEED CORN—A natural drouth-resisting variety. Grains are a combination of colors mostly blue and white. Large ears, good yield. Plant any time from March to August. Compare favorably with Mexican June Corn for late planting. Matures in from 105 to 115 days.

BLOODY BUTCHER—A good yielder—well adapted to the South. Produces a beautiful deep red grain. Matures in 120 to 130 days.

HICKORY KING—A good drouth resister and medium yield. Large flat white grain, very small cob and largely planted for roasting ears.

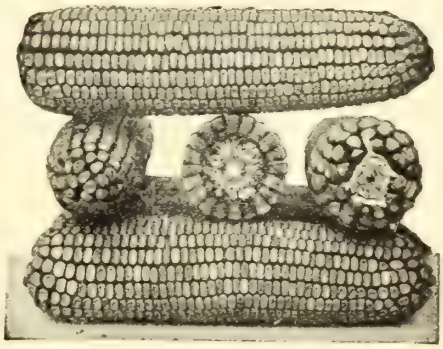
CHISHOLM WHITE, RED COB—A native variety. Large ear, large deep creamy-white grain. Red cob. Has no equal as a milling corn. It is medium early, maturing in from 105 to 115 days.

DWARF MEXICAN JUNE—This is a dependable drouth-resisting corn which may be planted the latter part of May, June and July. It matures in from 100 to 110 days, and is popular for stubble planting and roasting ears. By all means be sure to include some Dwarf Mexican June in your garden.

RED JUNE—This variety of June corn is growing more popular annually, principally because it has the greatest drouth-resistance of all corns. Its ear is slightly larger than that of the Dwarf Mexican June. It is not as yet so well known on the markets as is the White June but a large demand is being developed on it.

Postpaid prices: Lb. 20c; 2 lbs. 35c.

It stands to reason that it really costs less to plant Square Brand than inferior seed—because, maybe half of the inferior seeds never come up—and Square Brand Seeds are as near 100% germinators as it is possible to breed. It takes **less** to the acre, of Square Brand Seeds, for better crops.



Chisholm, Red Cob.

November Planting

VEGETABLES	Page
Cabbage	15
Collards	10
Kale	10
Kohl Rabi	12
Lettuce	11
Mustard	10
Radish	9
Rutabaga	12
Spinach	10
Turnips	12
FIELD	
Alfalfa	30
Barley	24
Clover	30
Pasture Grasses	23
Rape	31
Rye	24
Vetch	31
Wheat	24

Northern Grown Varieties

SILVER MINE—Quick maturing and hardy; also splendid yielder. Pure white kernel, small white cob. Matures in from 90 to 100 days.

YELLOW LEAMING DENT—A standard variety, very popular in South on account of its early maturity. Deep, closely packed yellow grain. Medium sized ears.

EARLY WHITE PEARL—Largely used for roasting ears. Is the earliest maturing corn on the market. Produces large, uniform ears, with pure white kernels—with more fluid than Silver Mine.

REID'S YELLOW DENT—This is one of the most popular corns in the United States, and is much used in the South due to early maturity. The grains are very deep, closely packed, butt and tips almost entirely covered over. Produces a good size ear and matures in from 100 to 110 days.

Postpaid prices: Lb. 20c; 2 lbs. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

These Profits are Worth Investigating

Semesan Jr. increased the yield of field corn 21.3 bushels per acre over the untreated seed, planted in the same field.

Not less than three bushels more corn per acre can be reasonably expected by any farmer who treats seed corn before planting. Field or sweet corn dusted with Semesan Jr. is protected from destructive root rots. Better germination, better stands and better yields of improved quality are obtained.

Early planting frequently makes larger yields possible, but early planted corn has always been handicapped by the seed rotting in the ground. Semesan Jr. affords seed corn protection from rotting in cold, wet soil.

Understand this is a seed disinfectant and not an insecticide, although some users claim that ants, bugs, gophers, etc., do not attack seed treated with Semesan Jr.

Treatment with Semesan Jr. costs less than 3c per acre, and pays a splendid profit on the cost. Easily and quickly applied as a dust, at rate of 2 ounces per bushel of seed. **Prices: 4 oz. 50c; 1 lb. $1.75; 5 lbs. $8.00; postpaid.**

Do Crows Eat Your Corn? Use Stanley's Crow Repellent

This repellent protects and insures you against crows and other pests pulling corn while it is germinating, sprouting and rooting. Crows hate it. It saves loss of seed and labor of replanting. Positively will not clog any planter. Protects seed from rotting in the ground. It is non-poisonous and will not injure the seed of any kind of corn. It does not kill birds or animals but will keep them away and prevent destruction.

Easy to use. Economical. Costs only 10c to 12c per acre, depending on the quantity of seed used, in planting.

Postpaid Prices

1 Quart (enough for four bushels seed corn)	$1.75
1 Pint (enough for two bushels seed corn)	1.00
½ Pint (enough for one bushel seed corn)	.60

Dwarf Yellow Milo.

Square Brand Hegari

Grown for us from certified seed. Hegari originated in Africa. It is a semi-dwarf plant producing a large head of creamy-white grain which is hard to shatter. Is fast becoming the most popular sorghum grain as the stalk makes splendid forage in addition to the large yield of grain. A drouth resister. Plant 3 to 4 pounds per acre for seed or grain and 5 to 8 pounds per acre for combination grain and forage.

Schrock Kafir or Sagrain

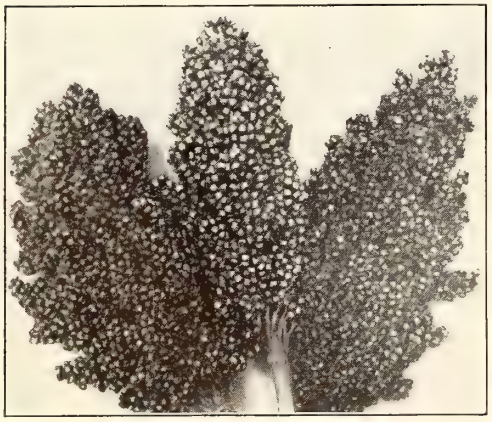
Originated in Oklahoma. Dwarf variety with an abundance of long broad leaves and a large spangled head with light brown grain which is excellent stock and poultry feed. One of the best varieties for combination forage and grain, as the stalk is sweet and brittle. It stools out making 6 to 8 stalks from one seed, all stalks making heads. Matures 10 to 14 days earlier than other varieties, therefore popular for late planting on stubble land.

Black Hull White Kafir

Grows an upright strong stem with broad leaves from 4 to 5 feet high. The stalk makes better forage than any of the non-saccharine sorghums, excepting Hegari and Schrock Kafir.

Square Brand Dwarf Yellow Milo

The most popular non-saccharine sorghum grown in Texas. It is the principal grain crop in Western and Southwestern Texas, on account of its hardiness and dependability under all kinds of conditions and is now grown in all parts of Texas. A heavy yielder of the finest kind of grain for all kinds of stock.



Black Hull White Kafir.

Square Brand Non-Saccharine Sorghums

This sorghum produces fine ensilage as well as an abundance of grain feed. Non-Saccharine Sorghum will produce high yields with limited rainfall where corn has made a failure. The heads make good chicken feed and can be fed ground or whole to all classes of live stock. We list the varieties of Non-Saccharine Sorghums best adapted to this section. Bear in mind that the leaves of the stalks have sufficient saccharine to make excellent forage.

Algeria or Bishop Kafir

A cross between Maize and Kafir. Grows from 4 to 5 feet tall, each plant stooling out making several stalks. Stock eat entire stalk with relish, on account of the heavy saccharine contents. The seed are softer and larger than Maize, with much larger heads. Drill 4 to 5 pounds per acre and thin as corn, not working too close to roots, until it has chance to stool.

Spur Feterita.

Square Brand Darso

A dwarf variety with large stalk and heavy foliage. Has a uniform straight stalk which is very juicy and contains about 12 per cent saccharine, making it especially good for forage. Also a good grain yielder and excellent for silage. Drouth-resistant and somewhat earlier than Kafir.

Spur Feterita

Has almost displaced common Feterita. Was developed at the Agricultural Experiment Station at Spur, Texas. Makes a shorter, stockier stalk with more leaves than common Feterita, making a better forage crop. Especially adapted to black lands in addition to the Western sorghum grain belt.

Grohoma

A new variety becoming very popular on account of its heavy yield of grain. It stools out each stalk making a full matured large head from 12 to 14 inches long. The grain is light brown and splendid for all kinds of stock. Requires a little longer to mature than Maize or Kafir, but yields much more grain per acre and does not shatter. Drill 2 to 4 lbs. per acre.

Double Dwarf Yellow Milo

Almost identical with Dwarf Milo except a much smaller, shorter stalk. Matures quicker and will stand more drouth on account of smaller stalks.

Shallu or Egyptian Wheat

A variety which does well in almost every part of Texas. Stools out from root similar to Schrock Kafir. Has large spangled head, a heavy yielder of both grain and fodder.

Postpaid prices: Lb. 20c; 2 lbs. 35c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Field of Square Brand Darso.

Grohoma.

Square Brand Saccharine Sorghums

The Sorghum plant is a strong, rapid grower, and a greedy feeder, so it succeeds best on a deep, rich, moist soil. Sorghum makes ideal syrup or forage and hay crops, and we offer you the very finest bred-up seeds.

December Planting

VEGETABLES	Page
Cabbage	15
Kale	10
Kohl Rabi	12
Lettuce	11
Radish	9
Tomato	13-14

Cane Seed for Forage

The following varieties are used almost exclusively for forage. To reproduce seed, drill and cultivate, planting 3 to 6 pounds per acre. For forage, drill 5 to 10 pounds per acre or broadcast 100 to 150 pounds per acre.

SQUARE BRAND RED TOP SUMAC—This variety is planted more extensively in the Southwest than any other forage crop. The seed is smaller than Amber or Orange Cane, and the plant makes the very finest fodder. Our seeds have been grown especially for us and the grains this year are very fine and plump. Our latest report indicates that we have a good yield of this high-grade seed. We have not, however, planted a large acreage so we suggest that you send your order early to be sure to get Square Brand seeds. If we do not have Square Brand when your order is received we will advise you, and quote on the seeds then on hand.

SQUARE BRAND BLACK AMBER—A very popular Saccharine Sorghum for early green feed or ensilage purpose. It is the earliest sort, and makes fine hay, green or cured, which is relished by all stock. It will yield two or three cuttings each year, stooling out thicker each time it is cut.

Postpaid: Lb. 20c; 2 lbs. 35c.

SQUARE BRAND EARLY ORANGE CANE—A later variety than the Black Amber Cane which is also used for forage and hay. It is a little taller and the stalks are a little heavier than Black Amber. A splendid producer but not as popular as Black Amber because it is not as early.

Postpaid: Lb. 20c; 2 lbs. 35c.

Cane Seed For Syrup

The following varieties used almost exclusively for making syrup but sometimes used for ensilage on account of enormous yields. Should be cut for syrup just before the seed ripens, as there is more saccharine at that stage of growth. Plant 4 to 8 pounds per acre. Cultivate like corn and chop out like cotton, leaving the plants 10 to 12 inches apart.

GOLDEN ROD SUGAR CANE (also known as SUGAR DRIP)—This is a very productive variety which gives from 70 to 75 per cent of its weight in juice, delightfully flavored, producing an enormous yield. This year it has proven especially productive under trying drouth conditions.

Japanese or Honey Drip

This is an extremely popular variety of cane, grows very tall with many joints in the stalk and a vigorous root system. Matures in 120 to 125 days and sends up two to four stalks which reach a height of from 11 to 15 feet. This is a favorite cane where sorghum production only is desired, and when the growing season is sufficiently long to mature it.

Postpaid: Lb. 25c; 2 lbs. 45c.

See Special List for quantity prices.

Amber Cane.

Japanese Cane.

LOTS OF FOLKS IN THE CITY WILL BUY GOOD OLD HOME-MADE SYRUP.

Square Brand Red Top Cane. Note Uniformity of Heads.

Cyclone Seed Sower

This sower will handle practically every type of seed, and is especially recommended for alfalfa, clover, bermuda and all of the small seeds so generally sown in pastures. Comfortable to carry and operate. Patent double feed makes it superior to all others on the market. Keeps two streams of seed flowing smoothly and steadily on to the distributing wheel. Set according to scale which has been scientifically worked out. Full directions and scale with each machine. Shipping weight 5 lbs. **Price, $2.50; delivered to you.**

Noc-Out Fertilizer Distributor

An inexpensive labor saver. Distributes commercial fertilizer in vegetable and flower gardens, around shrubs, in truck patches, potato furrows, etc. Convenient for sowing lawn seed on small areas, or for dusting insecticides. An oscillating knocker sets up vigorous vibrations when operated by short to-and-fro or small circle movements, resulting in steady, uniform flow through feed regulator. Made of good material. Capacity 14 quarts. Shipping weight 12 lbs. **Price: $1.25 postpaid.**

Increase Milk Production and Fatten Stock with Root and Green Crops

Mangel Wurzel Beets

Giant Sludstrup.

These beets grow increasingly popular among dairymen and hog raisers. Recent experiments made by the Texas Experiment Stations show their suitability to Texas soils and their high value to stock raisers. When well grown the root will yield an immense amount of valuable food. They may be grown in almost any soil, but deep loams are necessary for heavy yields of the long variety.

CULTURE—Plow your land deep and prepare thoroughly. Plant early in the spring in drills 2 to 3 feet apart and cover the seed about 1½ inches. Cultivate frequently. When about three inches high, begin thinning and continue at intervals until the roots stand from 8 to 12 inches apart in the rows. Use an ounce to 100 feet or from 5 to 6 pounds per acre.

Giant Half Sugar Feeding Mangel.

GIANT SLUDSTRUP—This is a variety especially valuable for the dairyman. It produces the highest yield of sugar content of all of the mangels. It is a long reddish-cream root which grows well out of the ground. The roots do not grow as long as that of the Mammoth Long Red but by actual test far exceed the other varieties in sugar and feeding value. This is unquestionably the most desirable sort for dairymen since it radically increases the flow and quality of milk.

GIANT HALF-FEEDING SUGAR—Another very good variety. It yields a large crop of roots next in sugar yield to the Giant Sludstrup. The roots are light bronze above the ground and grayish white below with white flesh. This beet, growing largely out of the ground, can be harvested earlier than any other mangel crop. Good either for the dairyman or the hog raiser.

MAMMOTH LONG RED—Roots are very large, uniformly straight and well formed. Flesh is white tinged with rose. This variety is preferred by hog raisers because of its enormous tonnage. It yields a greater tonnage per acre than other varieties but the sugar content is lower. Keeps well and is very nutritious.

Postpaid prices: Pkt. 5c; per oz. 10c; lb. 60c.

THESE ROOT CROPS ARE THE "MAIN STAYS" OF DAIRYMEN AND HOG RAISERS IN THE OLD COUNTRIES.

PLAN Your Stock Feeding Program—

Here are the approximate acres and feeds required for the ordinary farm animals, for a period of ONE YEAR. Plan out your planting, so the stock will be cared for without town feed bills.

1 Cow—4½ acres in feed, divided as follows: 2 acres oats, 1½ acres corn, head and root crops, 1 acre hay and pasture.

1 Sow—1 acre pasture sown in Sudan grass, peas, oats, wheat or barley, 7 acres corn, head and root crops.

60 Hens— 3 acres oats, 2 acres corn or head crops and 1 acre sowed pasture.

1 beef—Requires 10 pounds grain and 9 pounds hay per pound live weight. Calf about one year old weighs about 520 pounds. 2 acres corn, head or root crops and ½ acre Sudan grass, peas or alfalfa.

2 Horses—3 acres oats, 2 acres corn or head crops, 3 acres Sudan grass or other hay for pasturage. Total 8 acres per team.

Spanish Peanuts.

Square Brand Seed Peanuts

For medium light, loamy or sandy land, peanuts are one of the most profitable crops that can be grown. Often yield as much as fifty bushels per acre on land too poor to plant corn. Produce ordinarily about a ton of excellent forage per acre in addition to the crop of nuts. In harvesting, plow the peanuts and then stack against stakes stuck into the ground, the roots with the peanuts on them, to the center, and the leaves outside.

SPANISH PEANUTS—This variety grows in more compact form than the Virginia peanuts, making it possible to grow them closer, which makes the cultivation easier. While the nuts are smaller, they are much sweeter and of finer flavor than the larger sorts, and contain a higher per cent of oil than do the others. The "pops" so common in large varieties are seldom found in the Spanish. The best crop in the South for fattening hogs, and no Southern farm, where stock is raised, should be without them. Pods usually contain two nuts or kernels and adhere well to plant when digging. Has sticks, trash and foreign material removed.

Postpaid prices: Lb. 25c; 2 lbs. 45c.

TENNESSEE LONG RED—Does well on black waxy land as well as sandy soil. Larger in size, with greater number of nuts than most varieties grown in the South. A splendid commercial variety and very productive.

IMPROVED VIRGINIA JUMBO—A standard variety for roasting. Planted almost exclusively by the peanut growers of Virginia. The vines furnish excellent forage. Grows upright and easily cultivated.

Postpaid prices: Lb. 30c; 2 lbs. 55c.

SEE SPECIAL LIST FOR QUANTITY PRICES.

What we mean by "seeds bred for vitality" is this—year after year, the producers of Square Brand Seeds, first plant the best obtainable, then cull out all except perfect, vigorous plants. Only the seed from these plants are kept, and sold under the Square Brand trade-mark. It costs so little more—buy Square Brand seeds this year, and make your labor pay full value.

Square Brand Field or Cow Peas

INCREASE YOUR YIELD AND BUILD YOUR SOIL BY INOCULATING BEAN SEED WITH NITRAGIN

Cowpeas are the old reliable leguminous crop for the South. Adapted to practically every kind of soil, besides being the cheapest and surest means of improving soil. They add nitrogen to the soil and improve its mechanical condition, besides yielding a prolific crop of nutritious hay. The seed are universally used for human food.

SPECKLED WHIPPOORWILL — The most popular and widely grown early variety. Grows upright; easily gathered. Brown speckled seed. **Prices: lb. 20c; 2 lbs. 40c; postpaid.**

BRABHAM—An early wilt-proof, disease-resistant variety. Very similar to Whippoorwills except much smaller seed requiring less for planting a given acreage. The foliage is valuable for hay. **Prices: lb. 25c; 2 lbs. 45c; postpaid.**

CLAY—Matures a little late; medium sized seed. Vines long and leafy; exceptionally good as a soil builder. **Prices: Lb. 20c; 2 lbs. 45c; postpaid.**

PURPLE HULL PEAS—An old favorite. Hull tough; peas large.

IRON PEAS — A small brown pea, good for stock and for a soil builder. Very prolific.

MIXED COWPEAS—A mixture of the principal varieties listed. Are very popular especially for hay and cover crops.

Prices: lb. 25c; 2 lbs. 45c; postpaid.

Plants must have food, water and freedom from insect pests, if they give you their best. Square Brand dealers can furnish all kinds of useful information about plant foods, fertilizers and sprays.

Black Eye Peas.

BLACK EYE—The most prolific and widely used of any of the varieties. Most popular for home gardens and table use and for market by truck growers. Usually brings better prices than other varieties. **Prices lb. 20c; 2 lbs. 45c; postpaid.**

BROWN CROWDER—A fine flavored table pea and one of the earliest to mature. Grows upright and very prolific. **Prices: lb. 20c; 2 lbs. 35c; postpaid.**

WHITE CROWDER—A very popular variety of a delightful flavor for table use. **Prices: lb. 25c; 2 lbs. 45c; postpaid.**

CREAM OR LADY—Extensively used for table use. Prolific bearer and can be used green or dry; also good soil builders. This variety produces peas in pods that are very tender and of good flavor when young. They can be cooked as a shell pea when dried and shelled.

Whippoorwill Peas.

Square Brand Field Beans

Increase Your Yield and Build Your Soil by Inoculating Bean Seed with Nitragin.

MUNG BEANS—Mung Beans were introduced into America as far back as 1835. They are upright in growth, strong and vigorous, free from disease and make excellent hay, beans excellent for table use, the flavor being quite similar to cowpeas. The beans mature in 90 to 100 days. Plant same time as cowpeas. A splendid soil-builder. Five pounds will plant an acre with a drill in 3½ foot rows. Does well broadcast also. **Prices: Lb. 35c; 2 lbs. 65c; postpaid.**

EARLY SPECKLED VELVET BEAN — Very fine for a forage crop and a good soil builder. Grows very rapidly and is more prolific than most forage plants. Fine for planting in corn. Plant in rows 3 to 5 feet apart, 2 to 3 pecks per acre. These may be planted in May and June and still mature before frost. They are also planted in September to be turned under as a cover crop.

Velvet Beans.

NEW LAREDO—A new variety that is a distinct addition to the forage crops of the Cotton Belt. Its value, when compared to other soy beans, is in the fineness of its stems, its yield of hay, its medium early maturity and its heavy yield of seed. One bushel will plant from 8 to 10 acres in 2½-foot rows. Seed should be dropped from 3 to 6 inches apart in the drill and covered 1 inch. It is both wilt-resistant and nematode-resistant.

Postpaid prices: Lb. 25c; 2 lbs. 45c.

Soy Beans

Soy Beans belong to the legume family, being wonderful soil builders. They take nitrogen from the air and store it in the nodules on their roots. They do well on same soil as corn, but will produce very satisfactorily on poorer soil. Land should be prepared as for cowpeas, and seed planted in drills. If wanted for hay crop, vines should be cut when the upper leaves begin to turn yellow, but if wanted for seed, gathering should be delayed until nearly all the leaves have fallen.

MAMMOTH YELLOW—The most popular and largest yielder. Grows 3 to 5 feet high. Should not be planted until all danger of frost is past. For hay and as a soil builder sow 2½ bushels per acre broadcast; for beans plant from 15 to 30 pounds per acre in drills 3½ feet apart.

Prices. lb. 25c; 2 lbs. 45c; postpaid.

SEE SPECIAL LIST FOR QUANTITY PRICES.

Mammoth Yellow Soy Beans.

Square Brand Alfalfa Seed

INCREASE PRODUCTION AND BUILD YOUR SOIL
INOCULATE ALFALFA SEED WITH NITRAGIN

Alfalfa.

Alfalfa is the most valuable leguminous permanent crop grown for pasture and hay. Its hardiness makes it adaptable for almost any climate and type of soil except acid soil, which should be corrected by the use of lime and ample drainage. Alfalfa enriches the soil. Sow 20 pounds per acre on well prepared clean soil, covering about one inch with harrow, followed by roller. Keep weeds clipped down with mower until alfalfa thoroughly covers ground. The Cahoon or Cyclone seeder is recommended for use in sowing. Be sure to inoculate with Nitragin.

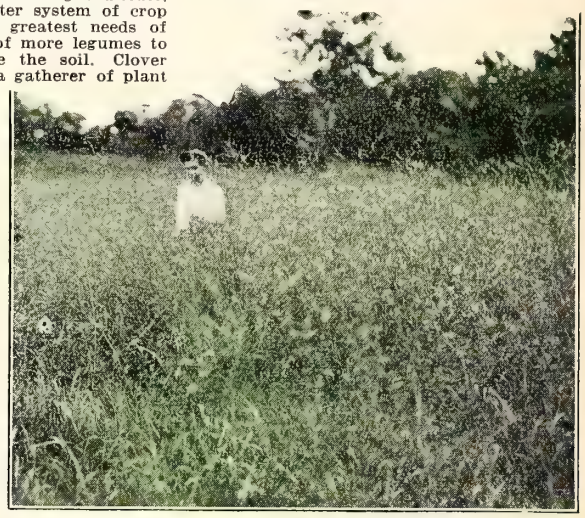
SQUARE BRAND ALFALFA—Carefully selected and double recleaned from the best American Grown seed produced by experienced alfalfa seed growers. Bright in color, high in germination and purity.

HAIRY PERUVIAN ALFALFA—A native of Peru, very popular in the South and Southwest, especially recommended for Texas. May be cut the year round for hay, when winter is mild. Because of the rapid fluctuation in price of alfalfa, we refer you to our Special Price List for prices.

Square Brand Clover Seed

INCREASE PRODUCTION AND BUILD YOUR SOIL
INOCULATE CLOVER SEED WITH NITRAGIN

All varieties of Clover have exceptionally high feeding value, containing protein which is needed to build up muscle and beef and to increase the yield of milk. Clovers are soil renovators, being resistant to most insects and fungus disease, making possible a better system of crop rotation. One of the greatest needs of the South is the use of more legumes to build up and improve the soil. Clover cannot be excelled as a gatherer of plant food and accumulator of nitrogen from the air—often adding 200 pounds of nitrogen per acre in a year. Do not use bur varieties where sheep are to be grazed, since burs reduce grade of wool.



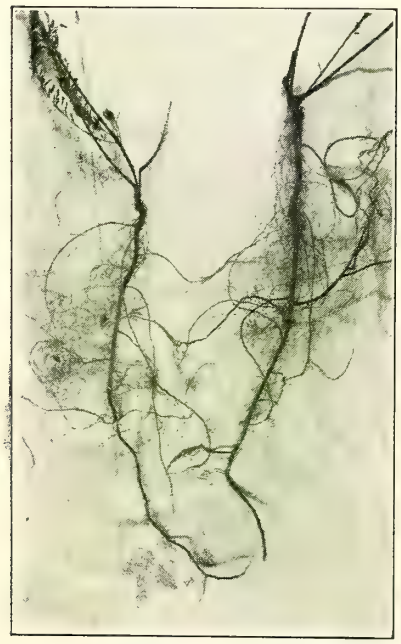
Square Brand White Blossom Sweet Clover not only prooduces a wonderful pasture crop, but enriches soil and prevents erosion.

SQUARE BRAND SWEET WHITE BLOSSOM, SCARIFIED—The most popular variety adapted to practically all Texas soils. A great sub-soiler. Roots penetrate deep breaking up hardpan, and decompose, adding humus to the soil. We recommend planting in September and October; also February to April, at the rate of 15 pounds of clover with 1½ to 2 bushels of oats per acre in well settled soil, covering lightly, following with roller. May be planted alone also.

MELILOTUS INDICA (Annual Yellow Blossom Sweet Clover)—Sometimes called Sour Clover. Used extensively as a cover crop, especially in orchards. Very popular in South Texas where it grows all winter and produces a vast quantity of green manure to be turned under in the early spring. Can be sown in fall or spring, 15 to 20 pounds per acre.

HOP CLOVER—Bears small yellow bloom, of rather upright growth. Grows 12 to 15 inches high. Sow in September and October.

KOBE LESPEDEZA—A mammoth late variety also producing well on black land and withstanding heat and dry weather. Matures about the same time as Lespedeza Clover but much larger growth. Sow in spring, 35 pounds to acre.



Sericea Lespedeza—Note the root systems six-months old plants.

KOREAN LESPEDEZA—A mammoth early variety, withstanding dry hot weather. Does exceptionally well on black land; is about 30 days earlier than other varieties. Resistant to storm and a heavy seed yielder. Sow in spring, 35 pounds to acre.

SERICEA LESPEDEZA — A most adaptable plant—a twin brother to alfalfa and replacing it in many districts. As more is learned of this most remarkable plant, it grows consistently more valuable to the stock raiser and hay grower. In the dry year just past, the yield was remarkable, four and five cuttings being reported, despite lack of moisture. The picture shown was made last year from a plant, seed for which was sown on our trial ground in Dallas County on April 10, 1933. Sericea should be planted in the spring when all danger of frost is over and sown and cared for like alfalfa or clover. Plant 10 lbs. to the acre. It has a very high protein value.

JAPAN or LESPEDEZA CLOVER—A good clover to plant in the South during the spring months; also planted in the fall. Thrives on poor land and is a great soil builder. Sow 20 to 25 pounds per acre on fresh disc or harrowed land, followed by roller.

WHITE DUTCH CLOVER—A hardy perennial spreading clover. Too small for hay. Recommended to mix with other grasses for lawn or pasture. Sow 6 to 8 pounds per acre.

BLACK MEDIC or TREFOIL (Medicago Lupulina)—A biennial. Has small yellow blossom. Plant is similar to alfalfa except that it spreads more and lays flat on the ground. Sow 15 pounds per acre in September and October; also in February, March and April. When sown with other clovers and grasses, sow 2 to 3 pounds to the acre.

SOUTHERN SPOTTED LEAF BUR CLOVER (In Bur)—Very popular in the South for winter pasture. Popular for sowing in Bermuda grass sod for permanent pasture. Disc over your Bermuda grass and sow in the fall, followed with roller. Also fine to sow with other grasses for permanent pasture. Grows well on any type of soil. Sow 40 pounds to acre in August, September or October. Produces early grazing and lasts well.

CALIFORNIA BUR CLOVER—Very similar to the spotted leaf except that leaf is green. Yield and value identical. This particular year the spotted leaf is scarce, but we can furnish an ample supply of California, both in the bur and hulled.

PLEASE REFER TO SPECIAL LIST FOR PRICES.

Profitable Forage and Soil Vitalizing Crops

Square Brand Hairy Vetch—a splendid cover crop, ideal for soil building and the prevention of erosion.

Square Brand Dwarf Essex Rape Seed

SQUARE BRAND DWARF ESSEX RAPE SEED—Rape is one of the most valuable of all crops. It makes a most delicious green food for humans when cooked like other greens. In addition it is a source of green feed for all live stock, including hogs and chickens. It is surprising how much grazing an acre of this plant will furnish. Plants grow to a height of from one to four feet, depending on conditions of soil and climate. In shape and color of leaf it resembles the rutabaga. Leaves grow very rank and succulent and are sweet and tender. Fall seeding is best, but early spring sowing is successful. The crop is not injured by ordinary winters in the south. It is ready for grazing in from 8 to 10 weeks. Yields of 30 tons per acre, green weight, are not rare. An acre of good rape will pasture 20 hogs two months. Sow in drills, 5 to 8 pounds per acre. Our rape seed is grown in Holland and is entirely different from the Japan-grown rape so generally sold by seedsmen today. Holland-grown rape does not grow weedy and unpalatable as the Japan-grown rape does. Whether you buy your rape seed from us or elsewhere, be sure to require Holland-grown rape. **Prices: Lb. 20c; 2 lbs. 35c; postpaid.**

Square Brand Austrian Winter Field Peas

A FIVE-POINT CROP—FORAGE, HAY, GREEN MANURE, SOIL NITROGEN AND TABLE CONSUMPTION.

Inoculating this seed with Nitragin increases yield and improves your soil.

Austrian Winter Peas are growing in popularity annually. We feel this is due to their proven value to the stock farmers and fruit growers of the country. These peas resemble the English in size of seed, and the Canada pea in character of vine. They cannot be excelled as a winter cover crop thriving after being subjected to zero temperature. They will grow from 5 to 6 feet tall on fertile soil and make excellent hay in addition to furnishing grazing for live stock. The best time to plant is in September and October, but they may also be sown in January and February.

They are especially recommended to the fruit farmers for a green manure crop to be planted between the trees in the fall and plowed under in the spring. Many of our customers report them as delicious food for their tables. This is a leguminous crop which vastly increases the fertility of your soil. If planted following a cultivated crop it is not necessary to plow the ground, using a harrow before and after sowing followed by roller on loose soil. Plant 50 lbs. to the acre when planted alone. We recommend planting 30 to 40 lbs. to the acre with a bushel of Rye, Barley, or Wheat to hold vines off the ground. **Postpaid prices: Lb. 25c; 2 lbs. 45c.**

Canada Field Peas

For increased yield inoculate this seed with Nitragin

A fine combination legume for grazing, hay, cover crop and table use. Plant in October or November and again in the early spring. Grows from 4 to 6 feet high and can be grazed when 6 to 10 inches high; pasturing makes them stool better. A great soil builder even when grazed or cut for hay, on account of storing nitrogen in the roots. Exceptionally fine when turned under as green manure. We recommend sowing a bushel of Oats, Barley or Wheat with 40 or 50 pounds of peas per acre. If sown alone, use 75 pounds per acre. **Prices: Lb. 25c; 2 lbs. 45c; postpaid.**

SEE SPECIAL LIST FOR QUANTITY PRICES.

Plant Square Brand Hi-Germinating Seeds

Square Brand Vetch

Vetch is a very practical forage crop which many farmers are using as a substitute for clover on lands too poor to grow clovers. Covers the ground during the winter, preventing the leaching of valuable plant foods. Be sure to plant the Hairy Winter Vetch. There are other Vetches on the market which cost less but are not suitable for this territory. We especially recommend Vetch for grazing and hay. The plant is very hardy; it should be sown in August or September for winter pasture, and may also be sown in early spring for summer pasture. It is a splendid nitrogenous soil improver. Increased yields will result from inoculating this seed with Nitragin before planting.

Sow 50 lbs. per acre when planted alone. We recommend that equal amounts of Vetch and Oats be sown together so that Vetch will have proper support in growing. **Postpaid prices: Lb. 30c; 2 lbs. 55c.**

Dwarf Essex Rape.

POULTRY PASTURAGE—The feeding of greens materially increases egg productions, for that reason we recommend that every poultryman plant an ample supply. Rape, Swiss Chard and Millet all furnish ideal green feeds and, of course, there is nothing better than sprouted oats. Be sure to have plenty of green feed consistently for your poultry.

A field of Square Brand Austrian Winter Peas—the ideal fall cover crop.

for LARGER YIELDS OF MORE MARKETABLE CROPS

Canaries—Song Birds of the Nation

No bird has more charm than the canary. Its bright cheery song endears it to its owner beyond any other pet known. Our birds are bred for us by some of the very best bird breeders in this country and in Germany.

OUR GUARANTY—We guarantee live delivery of every bird ordered from us. We further guarantee our birds to be exactly what they are represented to be.

St. Andreasberg Roller.

St. Andreasberg Rollers

These birds are imported from the best breeders in the St. Andreasberg region of Germany. They are trained for their purity in tone, their range of notes and their volume of song. The birds are graded before being shipped to us and gradings are confirmed by us before delivery is made to you. Birds are not graded by color. Color preference should be stated in ordering, however. They can be had in pure yellow, spotted, or dark birds but it will be necessary for us to reserve the right to change color preferences if correct tonal grading is not available in color specified. Prices F O. B. Dallas:

SINGERS

Grade No. 1 ..... $7.50
Grade No. 2 ..... 6.50
Grade No. 3 ..... 5.95

HENS

Grade No. 1 ..... $3.00
Grade No. 2 ..... 2.75

American Warbler and Hartz Mountain Singers

These birds are native American birds whose song is the chopper or natural bird song. The American Warbler has the loudest tone. The Hartz Mountain a softer tone. **Prices, F. O. B. Dallas:**

SINGERS

Grade No. 1 ..... $3.95
Grade No. 2 ..... 2.95
Grade No. 3 ..... 2.45

HENS

Grade No. 1 ..... $1.50
Grade No. 2 ..... 1.25
Grade No. 3 ..... 1.00

Strawberry Finches

These busy little birds are exceptionally interesting in their habits. They have a short little song which is very pleasing. The male is brilliantly colored. The female is more demure. While small in size, they build huge nests. You will find them fascinating.

Per pair $4.75
Each 2.50

Bird Remedies

BIRD WASH—Add to bath water to help keep birds free from lice, mites and vermin. Cleanses skin. No harm results from bird drinking it. **Postpaid, 30c.**

FEATHER PULLING REMEDY—Guaranteed to stop feather pulling in parrots and canaries. Comes in tin box with metal fastener for attaching to side of cage. **Postpaid, 25c.**

BIRD JELLY—Instant relief to birds suffering from asthma, cold, catarrh or hard breathing. Anoint bird's nostrils and rub on bill. **Postpaid, 25c.**

BIRD SALVE—Gives immediate relief to sore feet, sore legs and scaly legs. First bathe and dry legs and feet, then apply salve and massage gently. **Postpaid, 15c.**

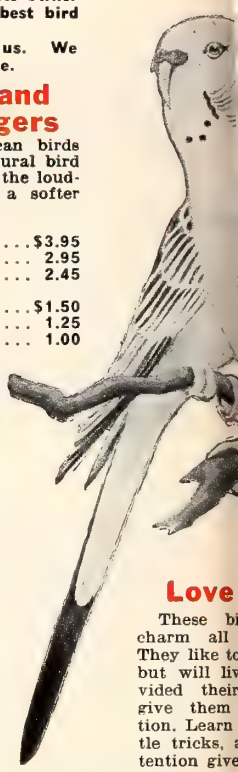
PARROT TONIC—Keeps parrots in good condition when fed once a week as tonic. Gives immediate relief to parrots suffering from asthma, catarrh, hoarseness, colds, loss of appetite and bleeding bowels. **Postpaid, 30c.**

BIRD BITTERS—For canaries, love birds, parrots and other cage birds. A stomach tonic and corrective. Aids digestion and stimulating appetite. An effective remedy for colds and sore throat. Dropper comes with each bottle of bitters. **Postpaid, 30c; small size, 20c.**

BIRD TONIC—Gives immediate relief to birds suffering from hoarseness, bleeding bowels, egg bound, and loss of appetite. A proven formula for canaries, parrots and small cage birds. May be fed direct or mixed with food. **Postpaid, Small Bottle (with dropper) 20c.**

IRON TONIC—A wonderful tonic for canaries, parrots and other cage birds suffering from weakness, wasting and loss of appetite. Add to drinking water or feed direct. **Postpaid, Large Bottle (with dropper) 30c.**

LICE POWDER—Be sure to keep your birds free from lice. Justrite Lice Powder is of the highest grade, packed in shaker top can. **Postpaid, 15c.**



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Soft Yellow Birds.

Other

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VITAMINE HEALTH FOOD—A health preserving food c cage birds, especially canaries. Highly recommended fo young birds. Promotes vitality, egg production, fertility Vitamine B for nervous system and Vitamine A and D for feathers and overcoming leg weakness. **Postpaid, 30c.**

IMPORTED BIRD SEED—Full one-pound package of sele especially desired by bird fanciers. **Spout Cans; Postpaid, 3**

PARROT FOOD—An ideal mixture containing necessary S Crackers, all of which will be relished by your parrot. **Po**

OYSTER SHELLS—Especially desirable for breeding cag shelled eggs. Keep breeding cage or room sprinkled with been sprinkled Justrite Oyster Shells. **Shaker Top Can: F**

BIRD GRAVEL—A supply of this gravel should be in bottom of the cage all the time. Justrite Silver Gravel c tains calcium carbonate and bird charcoal, and will not c on the bird's feet. **Spout Can: Postpaid, 25c.**

MAGIC SONG RESTORER—A mixture that birds like which brings them into song quickly. It also keeps th in song, hastens moult and is a general health food of mu value. We recommend an egg food cup of this daily or ev other day in addition to the regular food. **Postpaid: Per 30c; 4 boxes $1.00; $2.50 per dozen.**

FLAKE CHARCOAL—An aid to digestion. Put in cage th times a week either with gravel or on bird seed. Shaker can. **Postpaid, 15c.**

COLOR AND PEPPER FOOD—Invaluable during moult and breeding period. Brings out deep yellow color so mu desired by bird fanciers. **Postpaid, 30c.**

CUTTLE BONE—Should be in every canary, finch or ha billed bird's cage. Complete with holder. **Postpaid: La size 10c; small size 5c.**

EGG AND NESTLING FOOD—A wholesome and highly no ishing food that will keep birds in perfect health, plum and song. Invaluable to mother and young birds dur breeding period. Packed in sealed cartons. **Postpaid, 30c.**

MOCKING BIRD FOOD—Just the thing for mocking bir who require a varied diet. **Postpaid: Large box 35c.**

No. 91 Cage and Stand

No. 91.

This is one of the most handsome low priced cages and stands we have ever offered. Made of all steel, two-tone enamel finish, durably construced. Diameter of cage 11 inches, height 16½ inches. Stands have two-piece stems with center spindle connection, height 65 inches. Can furnish in following combinations: Red and Black, Green and Black, Blue and Black, Black and Gold.

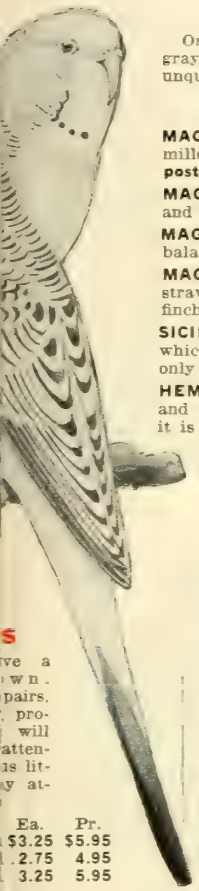
CAGE (only)—Shipping weight 5 lbs. F. O. B. Dallas $1.50
STAND (only)—Shipping weight 10 lbs. F. O. B. Dallas $1.50
CAGE AND STAND — F. O. B. Dallas $2.85

No. 20 Cage and Stand

This attractive cage and stand can be furnished in Brass and Green, Brass and Red, Black and Gold, Blue and Gold, and Green and Gold. Both cages and stands are of the finest Hendryx construction.

CAGE (only)—Shipping weight 11 lbs. 11 inches diameter, 15¾ inches high. F. O. B. Dallas $1.75
STAND (only)—Shipping weight 12 lbs. F. O. B. Dallas $1.25

No. 20.



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OVE BIRD SEED—An ideal mixture of a variety of essen-al foods necessary to promote good health. Relished by arrakeets, Large Finches, Nonpareils, Java Sparrows, Red rds and Cardinals. **Postpaid, 25c.**

ONEY ROLL—A mixture of selected and wholesome ingre-ents, including pure honey, relished by all canaries. Will t fall apart or become sticky. Wholesomeness made pos-ble by toasting process. Metal holder for fastening in cage. reat your bird to a Honey Roll. **Postpaid: 15c; 2 for 25c; 1.00 per dozen.**

ONEY ROLL WITH CHARM BELL—**Postpaid: 15c; 2 for 5c; $1.25 per dozen.**

OULTING FOOD—Justrite Moulting Food is guaranteed to sten the moult quickly and normally restoring fine beau-ful feathers without injuring health or song. Justrite lor and Pepper Food should be fed with Justrite Moulting od. **Molting Food, postpaid price, 30c.**

ONG RESTORER—Justrite Song Restorer is a combination the finest quality of ingredients available. It will positive-aid your canary to regain its lost song and materially in-ease its vitality. **Postpaid, 30c.**

OL-ER-KA-NAR-E SEED—Full one pound package special xture of Canary, Sweet Rape, Nigre, Flax, Maw, Teasle, same, Lettuce and Egg Flakes. A real treat for your birds. **stpaid: Per box 40c.**

European Crested Cardinals

One of the handsomest of birds, and a whistler of rare ability. A beautiful gray feathered songster with a bright red breast. Of all the songsters, this is unquestionably the most pleasing. **Each, F. O. B. Dallas** $7.50

Crested Cardinal.

Bird Seeds

MAGNOLIA CANARY MIXTURE—A mixture of Sicily Canary, German Rape, millet and hemp, in proper proportions for health. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA ROLLER MIXTURE—A mixture of Sicily Canary, German Rape and Millet, designed for best song production. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA LOVE BIRD MIXTURE—A mixture of Sicily Canary and millet, balanced for Love Birds. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA FINCH MIXTURE—Consisting of millet, canary and thistle for strawberry finches and goldfinches. In ordering, be sure to state type of finch for which food is wished. **2 lbs. 45c; 5 lbs. $1.00; postpaid.**

SICILY CANARY SEED—A splendid diet for reconditioning a canary which is not responding to usual treatment. Feed for a month with only a tonic of apple twice a week. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

HEMP—Good parrot food and also much liked by bee bee paroquets and cardinals. Should be fed to canaries in very limited quantities as it is too rich a food for them. **2 lbs. 40c; 7 lbs. $1.00; postpaid.**

MAW or POPPY SEED—Another popular seed with canaries and some of the finch family. **Lb. 45c; postpaid.**

MILLET—Frequently used as the principal food for strawberry finches. **2 lbs. 35c; 7 lbs. $1.00; postpaid.**

GERMAN RAPE—A song food which should be combined with Sicily Canary and other seeds. **2 lbs. 45c; 5 lbs. $1.00; postpaid.**

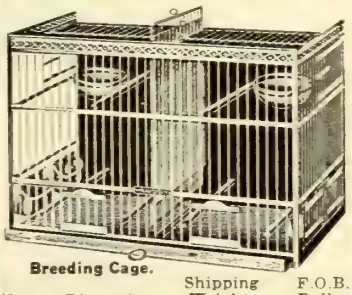
RECLEANED SUNFLOWER SEED—Fine for parrots—in fact, their main food. **2 lbs. 35c; 8 lbs. $1.00; postpaid.**

THISTLE SEED—The principal food for goldfinches, and liked by canaries, strawberry finches and practically all hard-billed birds. **Lb. 60c; postpaid.**

Our bulk seeds are the finest the market affords, double re-cleaned in order to remove all foreign particles and dusts. **All postpaid.**

Breeding Cage

Has solid and wire partition, metal drawer, closed back, 4 glass cups, 6 perches and two nests. These are splendid mating cages which are also used for flight cages by removing the partition. Enameled white.



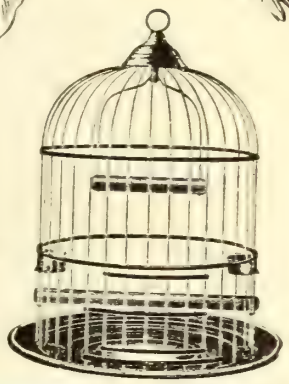
Breeding Cage.

No.	Dimensions	Shipping Weight	F.O.B. Dallas
86	19x10x14¾	12 lbs.	$5.45
87	22x11x16¾	14 lbs.	5.95

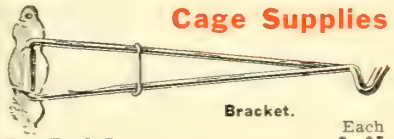
Parrot Cages

Strong and durable. These cages are the very best on the market today. Complete with swing, perches and seed cups.

No.	Diam.	Height	Ship'g Wt.	F.O.B. Dallas
75	13 in.	21½ in.	10 lbs.	$5.95
80	14 in.	23 in.	12 lbs.	6.95
85	15½ in.	24 in.	14 lbs.	7.95



Cage Supplies



Bracket.

Egg Food Cup

	Each	Doz.
Egg Food Cup	$ .05	$ .30
Opal Glass Bath Tubs	.15	1.50
Green Glass Bath Tubs	.15	1.50
Blue Glass Bath Tubs	.15	1.50
Wall Brackets, nickel, 12-in., Style Q	.15	1.50
Wall Brackets, brass, 12-in., Style I	.15	1.50
Cage Springs, medium	.10	1.00
Cage Springs, small	.10	1.00
Brass Chains and Springs	.15	1.50

Spring.

Open Cup.

Breeding Cage Cups — **Prices: 25c ea.; 2 for 50c; dozen** $3.00

Feed Cups: Opal, open or closed top; Crystal, closed top; Green Glass, closed top — **Prices: 15c ea.; 2 for 25c; dozen** $1.50

Bird Nests—**Prices: 15c ea.; 2 for 25c: dozen** $1.50

Closed Cup.

	Each	Doz.
Nesting Hair	$ .10	$1.00
Parrot Books	.35	
Paroquet (Love Bird) Books	.50	
Leg Bands, aluminum (open or closed)	.20	
Leg Bands, colored	.20	
Cage Swings	.10	1.00

Bath Tub.

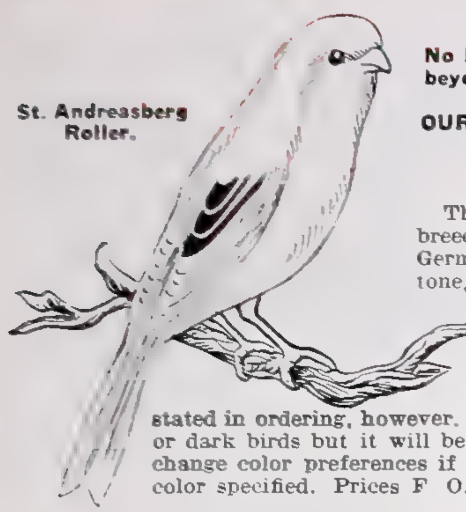
Perch Stock (can be cut to fit), 3 feet ..... .15

Tassel for Cage ..... .10

Canaries—Song Birds of the Nation

No bird has more charm than the canary. Its bright cheery song endears it to its owner beyond any other pet known. Our birds are bred for us by some of the very best bird breeders in this country and in Germany.

OUR GUARANTY—We guarantee live delivery of every bird ordered from us. We further guarantee our birds to be exactly what they are represented to be.



St. Andreasberg Roller.

St. Andreasberg Rollers

These birds are imported from the best breeders in the St. Andreasberg region of Germany. They are trained for their purity in tone, their range of notes and their volume of song. The birds are graded before being shipped to us and gradings are confirmed by us before delivery is made to you. Birds are not graded by color. Color preference should be stated in ordering, however. They can be had in pure yellow, spotted, or dark birds but it will be necessary for us to reserve the right to change color preferences if correct tonal grading is not available in color specified. Prices F O. B. Dallas:

SINGERS	
Grade No. 1	$7.50
Grade No. 2	6.50
Grade No. 3	5.95
HENS	
Grade No. 1	$3.00
Grade No. 2	2.75

American Warbler and Hartz Mountain Singers

These birds are native American birds whose song is the chopper or natural bird song. The American Warbler has the loudest tone. The Hartz Mountain a softer tone. **Prices, F. O. B. Dallas:**

SINGERS	
Grade No. 1	$3.95
Grade No. 2	2.95
Grade No. 3	2.45
HENS	
Grade No. 1	$1.50
Grade No. 2	1.25
Grade No. 3	1.00

Bird Remedies

BIRD WASH—Add to bath water to help keep birds free from lice, mites and vermin. Cleanses skin. No harm results from bird drinking it. **Postpaid, 30c.**

FEATHER PULLING REMEDY—Guaranteed to stop feather pulling in parrots and canaries. Comes in tin box with metal fastener for attaching to side of cage. **Postpaid, 25c.**

BIRD JELLY—Instant relief to birds suffering from asthma, cold, catarrh or hard breathing. Anoint bird's nostrils and rub on bill. **Postpaid, 25c.**

BIRD SALVE—Gives immediate relief to sore feet, sore legs and scaly legs. First bathe and dry legs and feet, then apply salve and massage gently. **Postpaid, 15c.**

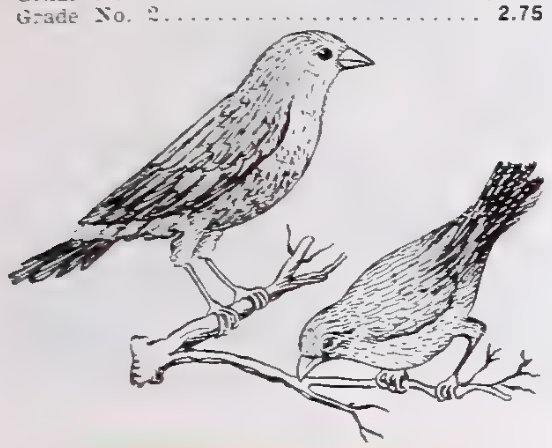
PARROT TONIC—Keeps parrots in good condition when fed once a week as tonic. Gives immediate relief to parrots suffering from asthma, catarrh, hoarseness, colds, loss of appetite and bleeding bowels. **Postpaid, 30c.**

BIRD BITTERS—For canaries, love birds, parrots and other cage birds. A stomach tonic and corrective. Aids digestion and stimulating appetite. An effective remedy for colds and sore throat. Dropper comes with each bottle of bitters. **Postpaid, 30c; small size, 20c.**

BIRD TONIC—Gives immediate relief to birds suffering from hoarseness, bleeding bowels, egg bound, and loss of appetite. A proven formula for canaries, parrots and small cage birds. May be fed direct or mixed with food. **Postpaid, Small Bottle (with dropper) 20c.**

IRON TONIC—A wonderful tonic for canaries, parrots and other cage birds suffering from weakness, wasting and loss of appetite. Add to drinking water or feed direct. **Postpaid, Large Bottle (with dropper) 30c.**

LICE POWDER—Be sure to keep your birds free from lice. Justrite Lice Powder is of the highest grade, packed in shaker top can. **Postpaid, 15c.**



Strawberry Finches

These busy little birds are exceptionally interesting in their habits. They have a short little song which is very pleasing. The male is brilliantly colored. The female is more demure. While small in size, they build huge nests. You will find them fascinating.

Per pair	$4.75
Each	2.50

No. 91.

No. 91 Cage and Stand

This is one of the most handsome low priced cages and stands we have ever offered. Made of all steel, two-tone enamel finish, durably construed. Diameter of cage 11 inches, height 16½ inches. Stands have two-piece stems with center spindle connection, height 65 inches. Can furnish in following combinations: Red and Black, Green and Black, Blue and Black, Black and Gold.

CAGE (only)—Shipping weight 5 lbs. F. O. B. Dallas.........$1.50

STAND (only)—Shipping weight 10 lbs. F. O. B. Dallas.........$1.50

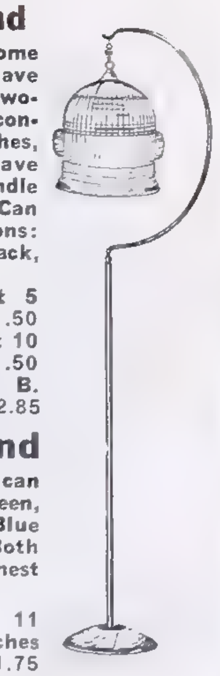
CAGE AND STAND—F. O. B. Dallas.........$2.85

No. 20 Cage and Stand

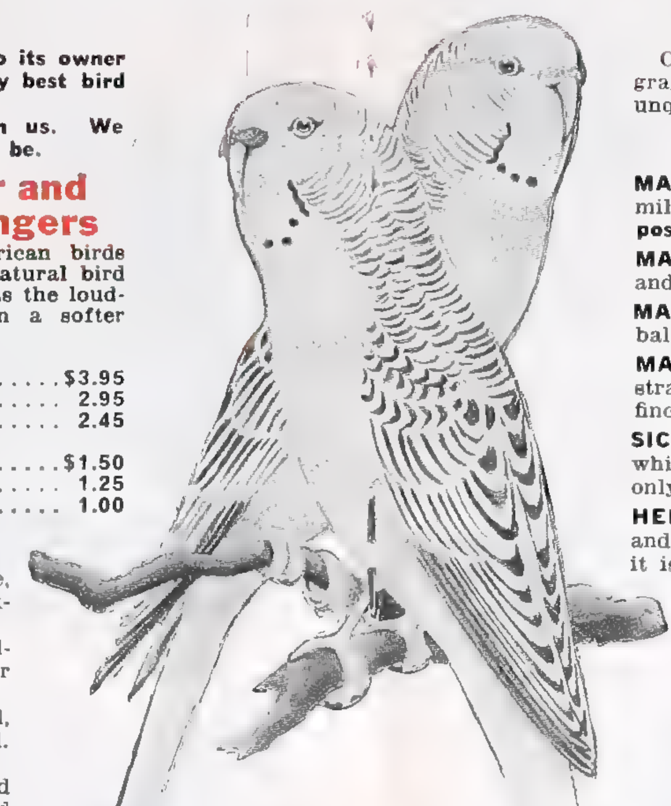
This attractive cage and stand can be furnished in Brass and Green, Brass and Red, Black and Gold, Blue and Gold, and Green and Gold. Both cages and stands are of the finest Hendryx construction.

CAGE (only)—Shipping weight 11 lbs. 11 inches diameter, 15¾ inches high. F. O. B. Dallas.......$1.75

STAND (only)—Shipping weight 12 lbs. F. O. B. Dallas.......$1.25



No. 20.



Love Birds

These birds have a charm all their own. They like to live in pairs, but will live alone, provided their owner will give them much attention. Learn numerous little tricks, and repay attention given them.

	Ea.	Pr.
Beautiful, Deep Blue Birds	$3.25	$5.95
Handsome Green Birds	2.75	4.95
Soft Yellow Birds	3.25	5.95

Other Foods

WRITE FOR BIG, FREE, JUSTRITE BIRD BOOK.

VITAMINE HEALTH FOOD—A health preserving food containing Cod Liver Oil for cage birds, especially canaries. Highly recommended for breeding birds, weak and young birds. Promotes vitality, egg production, fertility and hatchability. Supplies Vitamine B for nervous system and Vitamine A and D for building bone, body, muscle, feathers and overcoming leg weakness. **Postpaid, 30c.**

IMPORTED BIRD SEED—Full one-pound package of selected Canary and Rape Seed, especially desired by bird fanciers. **Spout Cans; Postpaid, 35c; Plain Can, Postpaid, 30c.**

PARROT FOOD—An ideal mixture containing necessary Seeds, Grains, Nuts and Polly Crackers, all of which will be relished by your parrot. **Postpaid, 30c.**

OYSTER SHELLS—Especially desirable for breeding cages. Insure hens laying hard shelled eggs. Keep breeding cage or room sprinkled with Bird Gravel over which has been sprinkled Justrite Oyster Shells. **Shaker Top Can: Postpaid, 20c.**

BIRD GRAVEL—A supply of this gravel should be in the bottom of the cage all the time. Justrite Silver Gravel contains calcium carbonate and bird charcoal, and will not cake on the bird's feet. **Spout Can: Postpaid, 25c.**

MAGIC SONG RESTORER—A mixture that birds like and which brings them into song quickly. It also keeps them in song, hastens moult and is a general health food of much value. We recommend an egg food cup of this daily or every other day in addition to the regular food. **Postpaid: Per box 30c; 4 boxes $1.00; $2.50 per dozen.**

FLAKE CHARCOAL—An aid to digestion. Put in cage three times a week either with gravel or on bird seed. Shaker top can. **Postpaid, 15c.**

COLOR AND PEPPER FOOD—Invaluable during moulting and breeding period. Brings out deep yellow color so much desired by bird fanciers. **Postpaid, 30c.**

CUTTLE BONE—Should be in every canary, finch or hard-billed bird's cage. Complete with holder. **Postpaid: Large size 10c; small size 5c.**

EGG AND NESTLING FOOD—A wholesome and highly nourishing food that will keep birds in perfect health, plumage and song. Invaluable to mother and young birds during breeding period. Packed in sealed cartons. **Postpaid, 30c.**

MOCKING BIRD FOOD—Just the thing for mocking birds, who require a varied diet. **Postpaid: Large box 35c.**

LOVE BIRD SEED—An ideal mixture of a variety of essential foods necessary to promote good health. Relished by Parrakeets, Large Finches, Nonpareils, Java Sparrows, Red Birds and Cardinals. **Postpaid, 25c.**

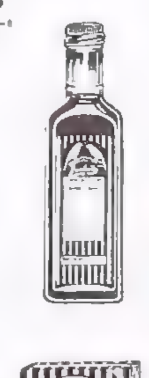
HONEY ROLL—A mixture of selected and wholesome ingredients, including pure honey, relished by all canaries. Will not fall apart or become sticky. Wholesomeness made possible by toasting process. Metal holder for fastening in cage. Treat your bird to a Honey Roll. **Postpaid: 15c; 2 for 25c; $1.00 per dozen.**

HONEY ROLL WITH CHARM BELL—Postpaid: 15c; 2 for 25c; $1.25 per dozen.

MOULTING FOOD—Justrite Moulting Food is guaranteed to hasten the moult quickly and normally restoring fine beautiful feathers without injuring health or song. Justrite Color and Pepper Food should be fed with Justrite Moulting Food. **Molting Food, postpaid price, 30c.**

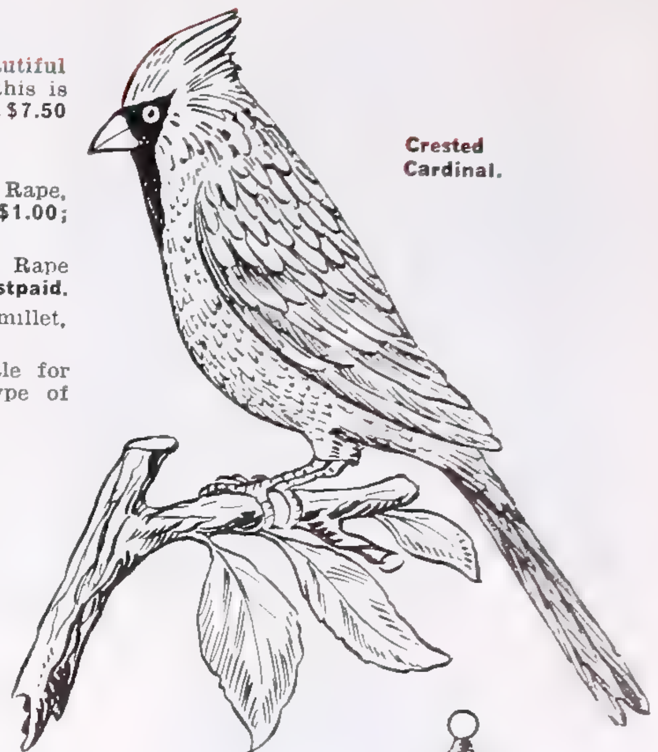
SONG RESTORER—Justrite Song Restorer is a combination of the finest quality of ingredients available. It will positively aid your canary to regain its lost song and materially increase its vitality. **Postpaid, 30c.**

ROL-ER-KA-NAR-E SEED—Full one pound package special mixture of Canary, Sweet Rape, Nigre, Flax, Maw, Teasle, Sesame, Lettuce and Egg Flakes. A real treat for your birds. **Postpaid: Per box 40c.**



European Crested Cardinals

One of the handsomest of birds, and a whistler of rare ability. A beautiful gray feathered songster with a bright red breast. Of all the songsters, this is unquestionably the most pleasing. **Each, F. O. B. Dallas..............$7.50**



Crested Cardinal.

Bird Seeds

MAGNOLIA CANARY MIXTURE—A mixture of Sicily Canary, German Rape, millet and hemp, in proper proportions for health. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA ROLLER MIXTURE—A mixture of Sicily Canary, German Rape and Millet, designed for best song production. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA LOVE BIRD MIXTURE—A mixture of Sicily Canary and millet, balanced for Love Birds. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

MAGNOLIA FINCH MIXTURE—Consisting of millet, canary and thistle for strawberry finches and goldfinches. In ordering, be sure to state type of finch for which food is wished. **2 lbs. 45c; 5 lbs. $1.00; postpaid.**

SICILY CANARY SEED—A splendid diet for reconditioning a canary which is not responding to usual treatment. Feed for a month with only a tonic of apple twice a week. **2 lbs. 40c; 6 lbs. $1.00; postpaid.**

HEMP—Good parrot food and also much liked by bee bee paroquets and cardinals. Should be fed to canaries in very limited quantities as it is too rich a food for them. **2 lbs. 40c; 7 lbs. $1.00; postpaid.**

MAW or POPPY SEED—Another popular seed with canaries and some of the finch family. **Lb. 45c; postpaid.**

MILLET—Frequently used as the principal food for strawberry finches. **2 lbs. 35c; 7 lbs. $1.00; postpaid.**

GERMAN RAPE—A song food which should be combined with Sicily Canary and other seeds. **2 lbs. 45c; 5 lbs. $1.00; postpaid.**

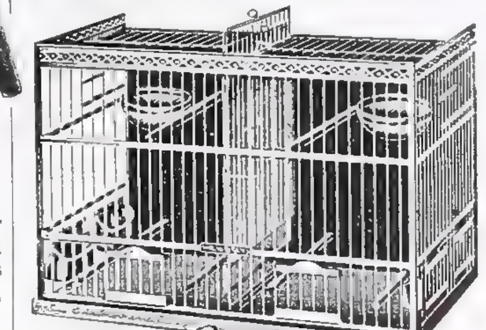
RECLEANED SUNFLOWER SEED—Fine for parrots—in fact, their main food. **2 lbs. 35c; 8 lbs. $1.00; postpaid.**

THISTLE SEED—The principal food for goldfinches, and liked by canaries, strawberry finches and practically all hard-billed birds. **Lb. 60c; postpaid.**

Our bulk seeds are the finest the market affords, double re-cleaned in order to remove all foreign particles and dusts. **All postpaid.**

Breeding Cage

Has solid and wire partition, metal drawer, closed back, 4 glass cups, 6 perches and two nests. These are splendid mating cages which are also used for flight cages by removing the partition. Enameled white.



Breeding Cage.

No.	Dimensions	Shipping Weight	F.O.B. Dallas
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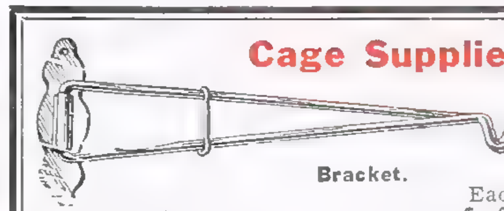
87	22x11x16¼	14 lbs.	5.95

Parrot Cages

Strong and durable. These cages are the very best on the market today. Complete with swing, perches and seed cups.

No.	Diam.	Height	Ship'g Wt.	F.O.B. Dallas
75	13 in.	21½ in.	10 lbs.	$5.95
80	14 in.	23 in.	12 lbs.	6.95
85	15½ in.	24 in.	14 lbs.	7.95

Cage Supplies

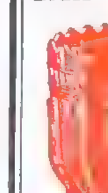


Bracket.

Egg Food Cup

	Each	Doz.
Egg Food Cup	$ .05	$ .30
Opal Glass Bath Tubs	.15	1.50
Green Glass Bath Tubs	.15	1.50
Blue Glass Bath Tubs	.15	1.50
Wall Brackets, nickel, 12-in., Style Q	.15	1.50
Wall Brackets, brass, 12-in., Style I	.15	1.50
Cage Springs, medium	.10	1.00
Cage Springs, small	.10	1.00
Brass Chains and Springs	.15	1.50

Spring.

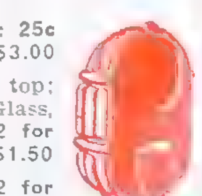


Open Cup.

Breeding Cage Cups — **Prices: 25c ea.; 2 for 50c; dozen........$3.00**

Feed Cups: Opal, open or closed top; Crystal, closed top; Green Glass, closed top — **Prices: 15c ea.; 2 for 25c; dozen $1.50**

Bird Nests—**Prices: 15c ea.; 2 for 25c; dozen $1.50**



Closed Cup

	Each	Doz
Nesting Hair	$ .10	$1.00
Parrot Books	.35	
Paroquet (Love Bird) Books	.50	
Leg Bands, aluminum (open or closed)		.20
Leg Bands, colored		.20
Cage Swings	.10	1.00

Perch Stock (can be cut to fit), 3 feet .... .15

Tassel for Cage .... .10

Bath Tub.

It Pays To Prepare Flower Beds Well Before Planting

There are no profound secrets about growing beautiful flowers; yet it is necessary to study them, just as you would anything else you attempt to raise. The few hints given below will be of assistance to you:

SOIL—Practically all plants like rich, sandy loam, but other types of soil will also produce very satisfactory flowers. Bear in mind, however, that heavy soils need applications of fibrous materials and must be thoroughly broken and cultivated. Sandy soils usually need fertilizers.

PREPARATION—This is one of the most important factors in gardening. Work the soil deeply and make the top, for three or four inches, as fine and loose as possible. If the soil needs fertilizers, and most soils do, consult your local SQUARE BRAND Seed Dealer, or write us and we shall be glad to recommend that best suited to your needs, if you will tell us the kind of soil you have.

PLANTING—Many gardeners err in their method of planting, resulting in weak plants which soon die, or fail to produce the results desired. In addition to the preparation of the soil, it is necessary that care be used to see that the seeds are placed the proper depth. Many small seeds can have only the smallest amount of soil above them; others of the larger varieties may be planted one or more inches below the soil. Be sure, also, to plant when heat and moisture conditions are correct. A study of the seed is necessary to determine that—and again your seedsman or we shall be happy to be of assistance to you. Moisture should be within your control—especially for flowers. To retain moisture after planting, cover the seed immediately with fine, freshly prepared earth and press it down firmly and smoothly.

CULTIVATION—It is desirable to stir the surface soil during the period of growth, since it encourages root development, allows air to enter and by forming a mulch, preserves moisture—in addition to killing weeds. Cultivation may be deep at first, but as the plants grow, it should be shallower, since otherwise it might injure the root system.

Our flower seeds are put up in our own lithographed packets, with full cultural directions on the back of each packet. They are usually classed under one of the following three types:

Annuals—Plants that live and bloom only one season.

Biennials—Plants which bloom the second year, and then die.

Perennials—Plants which bloom the second year and live and bloom several years.

Biennials and Perennials are usually planted in the late summer and fall, blooming the next summer.

Cockscomb.

Cockscomb (Celosia)

This plant comes in green or colored foliage and their flowers form a very brilliant mass. Is ideal decoration in beds and borders retaining their brilliant coloring from mid-summer until frost. Hardy annual which reseeds itself.

EMPRESS DWARF—Dark foliage, dark red flowers. Very beautiful.

FINEST MIXED — A mixture of the best growing sorts.

Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.25.

Castor Beans.

Foliage Plants

FOR BORDERS AND BACKGROUNDS

Coleus

There are no finer decorative foliage plants for the South than our Hybrid Coleus. For beds, edging and boxes, Coleus makes magnificent ornamental foliage plants. A tender perennial.

MIXED HYBRIDUS—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $3.00.

Burning Bush

This is also known as Summer Cypress.

An easily grown foliage or hedge plant which remains green until frost and then turns a beautiful bronze red. A hardy annual which reseeds itself. **Postpaid: Pkt. 10c; oz. 25c.**

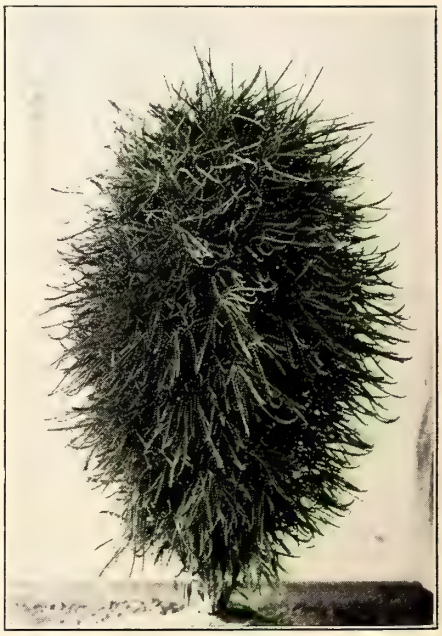
Coleus.

Castor Beans (Ricinus)

Giant, strong growing plants, with ornamental foliage, well adapted for border backgrounds, temporary screen planting or as center plants in groups of Cannas, Dahlias, etc. Moles are kept away by planting Castor Beans in the borders. It attracts Japanese beetles, causing their death after they have eaten of the leaves. Grows from 10 to 12 feet tall. **Pkt. 10c; oz. 25c; postpaid.**

SELECTION OF HIGH GRADE SEEDS.

High grade seeds must be imported from all over the world, where the best growers and growing conditions are located. Spinach seed **must be** imported from Holland, in order to secure varietal purity and satisfactory germination; Bermuda Onion seeds must come from the Canary Islands; rape seed from Holland or Japan; Dallis Grass seed and numerous others from distant countries to secure high germinating, healthy seeds. Knowledge of **where** to buy the best comes only through long years of experience. In some cases our growing contracts are made two years in advance of delivery time. The growers of Square Brand seeds are selected with the utmost care for their **known** responsibility and integrity.



Burning Fire Bush.

Medium and Low Growing Flowers for Beds, Borders, Boxes and Edging

Ageratum.

(Salvia) Scarlet Sage

A fine bedding plant. It forms compact bushes with large conspicuous flower spikes of fiery red raised over the foliage. Blooms all through the summer.
SPLENDENS (Scarlet Sage, 24 inches high). Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $2.00.

"Just the Garden Glove I've been Looking for"

That's what you'll say, too, when you put on this new and different glove which has been specially designed for garden wear. Its unique qualities have made it nationally popular with **both men and women.**

All-Leather SOFT AS KID, Dirt Proof, Washable

Sizes for women: Small ,Medium, Large; for men: Medium and Large. **Price: 75c a pair (2 pairs, $1.40); postpaid.**

Gauntlet gloves for women: (Flowered) Rose, Blue, or Yellow. **Postpaid, 85c per pair.**

Moss Rose (Portulaca).

Ageratum (Floss Flower)

This hardy annual is especially desirable for its blue coloring. Its feathery flowers are borne in dense clusters and very useful for bouquets. Cut and keep well.
BLUE PERFECTION—Light blue.
IMPERIAL WHITE—Clear white.
FINEST MIXED—Very desirable.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 75c.

Alyssum

An annual. Can be grown very rapidly either outdoors or in the house. By cutting back the plants properly, an almost constant succession of bloom may be had.
SWEET ALYSSUM — A hardy variety with clusters of small white flowers very fragrant, and quite useful in small bouquets. Grows about 8 inches high.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

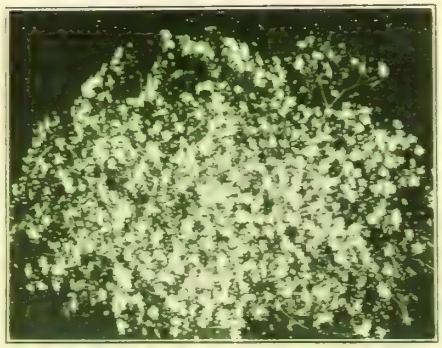
Sweet Alyssum.

Keep a Weeder Handy!

There are numerous needs for a small weeder. This is an exceptionally handy one to have about. Good for cultivating. Made in one piece. **Postpaid to you, when included with order for packet seeds, 15c. When shipped alone, postpaid, 20c.**

Moss Rose (Portulaca)

A hardy annual with glossy cup shaped single flowers, and rose-like double flowers. Many shades of red, white, pink, orange, yellow, striped, etc. A low growing or creeping plant with thick, fleshy waxy stems. Desirable for edging, beds, or mounds.
FINEST SINGLE MIXED — Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 90c.
DOUBLE MIXED — Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $2.00.



Gypsophila.

Gypsophila (Baby's Breath)

Especially desirable for its mist like effect. Can be dried and used year round. This is a hardy annual which covers the plant with delicate star shaped flowers. All florists use quantities of it.
GRANDIFLORA ALBA — An improved large flowered white strain.
ROSEA—A beautiful shade of rose.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

Heliotrope

Universal favorite on account of the delightful fragrance of bloom. Seeds sown in the spring make fine outside plants. Grows very rapidly.
MIXED — Flowers ranging from dark blue to lilac.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.50.

Pansies

A hardy annual. Makes charming beds and fine for boxes also. For best results sow seeds early in protected seed beds, cover lightly and transplant later, setting out about 5 inches apart.
GIANTS OF CALIFORNIA—Special mixture.
Postpaid: Pkt. 25c; oz. $5.00.

Pansy.

Popular Old Fashioned Flowers That Graced Grandmother's Garden

Scabiosa.

Mourning Bride (Scabiosa)

A lovely, fragrant flower. Flower stems are long and the blossoms keep well in water. Soft tones predominate. When given plenty of room and faded flowers are kept picked off, it will last through the whole summer. Owing to its sweetness, the bees are very fond of it and its flavors also attract all of the most beautiful types of butterflies to the neighborhood. Sometimes called the Pincushion Plant. Grows about 2½ ft. tall.

LARGE FLOWERING (Mixed)—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.

Bachelor Buttons (Gomphrena or Globe Amaranth)

This is the old fashioned Bachelor Button. It is a showy annual everlasting with clover like heads. Frequently confused with Cornflower. Be sure to order under the name of Gomphrena or Old Fashioned Bachelor Button. Comes in mixture of rose and white.

Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

Square Brand 10c and 15c packets of flower seed offer **more** seed than is found in the average packet of the same price, and the same care is used in the selection of high grade flower seeds.

Bachelor Button.

Touch-Me-Not or Lady Slipper (Balsam)

This is an old-time favorite in southern homes. The blooms are somewhat similar to the individual flower of the snapdragon, slightly bell shaped in appearance, and are clustered along the stems of the bush and in the axils of the leaves. Plants are sturdy and bushy and like hot sun, rich soil and plenty of water. Grow from 1½ to 2 feet tall. Their colors frequently mix in the flower. Very interesting and easy to grow.

FINEST MIXED—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 65c.

Centaurea—Corn Flower.

Clarkia.

Calliopsis (Coreopsis)

The annual Calliopsis flowers similar in form to the Coreopsis, but flowers are marked with bands or centers of contrasting tones. Colors include variations of yellow, orange, brown, maroon and almost crimson. The perennial Coreopsis comes only in shades of yellow with occasional bands of brownish red. This plant is a splendid mass bed plant.

CALLIOPSIS MIXED—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

COREOPSIS MIXED—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.00.

Cornflower (Centaurea Cyanus)

These well known flowers are very attractive and graceful. They are sometimes called Bachelor Button, but they are not the true old fashioned Bachelor Button which has a clover-like head and is known as Gomphrena or Globe Amaranth. Cornflowers are also known as "Ragged Sailor" or "Blue Bottle". They produce a large amount of very attractive flowers and while they are annuals they reseed themselves.

BLUE, LAVENDER, ROSE, WHITE or MIXED—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 35c.

Clarkia

A very hardy old-fashioned flower, resembling sprays of flowering almond. They germinate quickly and flower from June until frost; especially adapted to sandy soil; grow about two feet high. Mixed colors.

Postpaid: Pkt. 10c; 3 pkts. 25c.

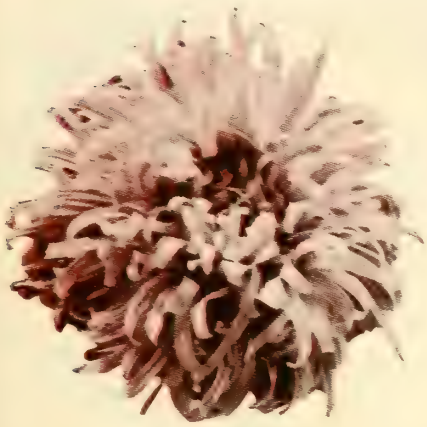
Mignonette

Everyone loves the fragrance of the Mignonette and no old fashion garden is complete without it. It is used extensively for cutting and combining in bouquets with other flowers lacking its delightful odor. It ranges in height from 12 to 16 inches, mixed colors: **Pkt. 10c; 3 pkts. 25c.**

Be sure to listen in on WFAA every Saturday at 12:05 to 12:20 for the Square Branders. A good, peppy string orchestra, with popular songs—and lots of useful information to gardners, planters and poultry raisers.

Balsam.

For Cut Flowers, Solid Beds, Borders and Backgrounds



Aster.

Asters

These flowers do well providing they are not sown in the same ground a second year. They are very susceptible to disease when sown the second year. We recommend fresh seed and fresh soil annually. They are among the most desirable of the cut flowers, embracing a wide range of size, color and type. For early blooming seed should be started indoors or in hot beds in December and January and transplanted when danger of frost is over. We offer the improved Giants of California in mixed colors. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.25.**

English Daisy.

Chrysanthemums

These flowers are especially desirable for fall planting. They are used extensively for backgrounds of mass bedding and produce fine flowers over a long period of time, blooming until heavy frost. They seed themselves, and also grow from roots. When grown from roots they should be divided and transplanted annually. We can furnish the double annual type in Yellow and White, or a mixture of both. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 40c.**

Chrysanthemum.

Painted Daisy (Single Annual Chrysanthemums)

Painted Daisies are growing in popularity because they are beautiful when used as cut flowers, and they bloom over a long period of time. They come in a wide range of shades of yellow, red, purple, and mixed colors. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 35c.**

You are doing your neighbors a favor, when you recommend Square Brand Seeds to them. In the first place they deal with accommodating seedsmen, and every purchase of seeds is the best they can buy for vitality, high percentage of germination and greater crop yields.

English Daisy (Bellis)

A hardy perennial especially suited to cool and rather moist locations, blooms in shades of red, white and pink in the early spring and late fall. Flowers very double. Plants spread rapidly in rich soil and will last for years. They make fine low borders and margins, and are beautiful in clumps around the edge of the lawn. Grow 6 to 10 inches high. **Postpaid: Pkt. 10c; 3 pkts. 25c.**

Painted Daisy.

Calendula.

Candytuft

GIANT WHITE HYACINTH FLOWERED—This is a distinct type used extensively by florists in cut flower work, and is very handsome for border planting. It produces large floral spikes each resembling a well formed hyacinth. Grouped upright on a stout stem. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 75c.**

UMBELLATA—A round flower quite different from the Hyacinth shaped. The flowers are in umbrella form and they are delightful for bouquets. We offer a mixture which includes White, Red, Pink, Purple and Lilac shades. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 35c.**

Calendula (Pot Marigold)

A fine old-fashioned annual, famous in gardens and used extensively by florists. Succeeds in most any soil and blooms from early summer until frost. Plants about one foot high.

ORANGE KING—Deep orange with dark center.

LEMON QUEEN—Solid lemon yellow.

RADIO—Deep orange with quilled petals.

MIXED—Mixture of above.

Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

Gardner W. Aiken, Principal of Elementary High School of Wolfe City, writes: "We enjoy your radio programs very much. Square Brand seeds are good seeds. Will help you sell them, by recommending them to my neighbors."

Candy Tuft.

Pinks.

Pinks (Dianthus)

These are annuals, although they reseed themselves and are exceptionally hardy. Their variety of brilliant colors and the profusion of their bloom, have made the garden Pinks one of our most popular flowers. The plants grow about one foot high and are particularly fine when planted in masses in beds and borders. Sow the seed outdoors in the early spring and in a few weeks the plants will be up in full bloom. We recommend these to every owner of an old-fashioned garden, since no such garden is complete without them. **Postpaid: Pkt. 10c. 3 pkts. 25c; oz. 35c.**

Painted Tongue (Salpiglossis)

A very easy growing annual, much prized by gardeners. Give it plenty of room. It's blooms are similar in shape to a petunia but are heavily veined, usually in golden colors, although the flower itself comes in practically every shade. This is a flower worth trying. We offer the GLOXINIAFLORA MIXED, a special selection made by a French Hybridizer. Flowers large and fancifully veined in contrasting colors. **Postpaid: Pkt. 10c; 3 pkts. 25c.**

American Legion Poppy.

Carnations, Pinks, Poppies and Painted Tongue

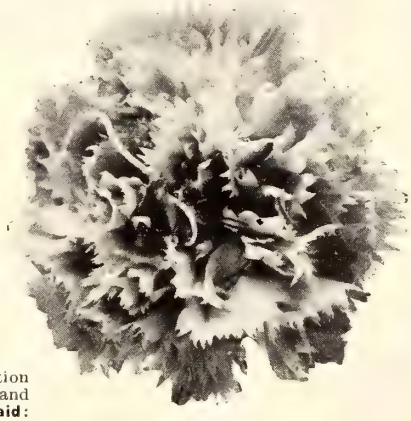
For Cut Flowers, Mass Borders, Beds and Backgrounds.

Carnations

These flowers can be grown in the South, providing proper location and care are given them, and they more than repay the gardener for this care. The variety we offer is the Marguerite Carnation which is the most popular as it begins flowering in a few weeks from time it is sown and bears an abundance of large double beautifully fringed, highly scented flowers on long strong stems. With a protection of litter or straw they stand the winter and flower freely the following spring. Their delicious fragrance and richness of color make them a general favorite. Try some this year. If you grow them one time you will not be without them again. **Mixed Colors—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.00.**

Poppies

There are a number of different types of Poppies, some of which are not well adapted to the climatic conditions of the South. Our listings, however, are selected for their hardiness and adaptability to soil and climatic conditions in the South and Southwest. We recommend planting Poppy seed in the fall of the year. They will bloom very early in the spring and last well into the summer. Poppies are not desirable for cut flower purposes, but are extremely handsome on the bushes.



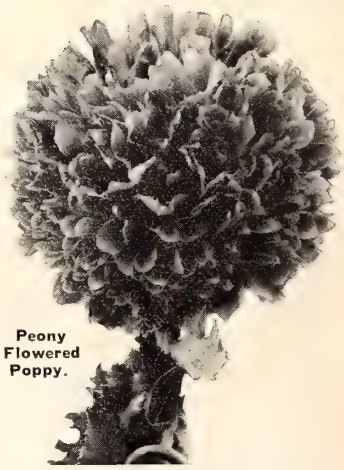
Carnation.

California Poppy (Eschscholtzia)

Too much cannot be said for the California Poppy. It is the state flower of California, but it grows anywhere in the South and is outstanding for its gorgeous colors and the brilliancy of its mass beds. Seed should be sown in fall of the year for best results, but may also be sown in the very early spring.

CRIMSON, PINK or MIXED —Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

GOLDEN DAWN—A golden yellow California poppy, Ramona strain, a new compact and erect plant with flowers beautifully frilled and incurved. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.00.**



Peony Flowered Poppy.

Single Annual Poppies

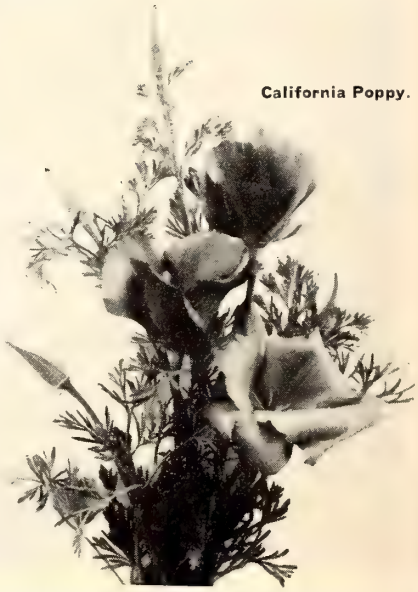
AMERICAN LEGION—A giant orange scarlet flower of the Shirley type, held erect on long strong stems. It is a marvelous flower for beds and for planting among shrubbery. It is of a silky texture.

SINGLE SHIRLEY MIXED—These are by far the best of all single Poppies. They range in color from the purest white to the deepest crimson blood red through all the intermediate shades of pale pink, rose, and carmen. Many are daintily edged and striped and so varied are their colors that rarely are any two flowers alike. Known also as the "Silk Poppy."

Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.

Double Annual Poppies

PEONY FLOWERED—These are perhaps the most popular of all the Poppies in the South. Plant in the fall of the year and they are blooming among the earliest of the spring flowers. Produce immense blooms ranging from 3 to 5 inches. These Poppies reseed themselves and multiply extensively. **Mixed Colors—Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.**



California Poppy.

Old Fashioned Popular Flowers For Baskets, Boxes, Mass Beds and Borders

Verbena.

Nasturtiums

No flower enjoys more popularity than Nasturtiums. They bloom from the moment the plant is strong enough until the last day of life in the garden. Taller varieties may be used for climbing over stone work or trellises or to shade porches and verandas. The dwarfs are excellent for bedding and edging.

GOLDEN GLEAM—The new and outstanding sweet scented Nasturtium which was given the Award of Merit from the Royal Horticultural Society of England; the first prize at the Southport Show in England; gold medals at the All-American Selection of Flower Seed Novelties; Seedmen's Association, U. S. A. 1932; 1931 Atlantic City Flower Show; and 1931 Boston Flower Show. Plant forms a vigorous, large bush producing runners averaging 18 inches. Flowers commence as soon as plant nears complete development and when well grown produce a blaze of color, the long-stem flowers standing well above and almost completely covering the foliage. **Postpaid: Pkt. 15c; oz. 40c.**

DWARF MIXED—Desirable shades in low growing flowers. **Postpaid: Pkt. 5c; oz. 15c; ¼ lb. 25c.**

TALL MIXED—Desirable colors. **Postpaid: Pkt. 5c, oz. 15c; ¼ lb. 25c.**

Golden Gleam Nasturtium.

Verbena

A well-known annual of low-growing, trailing habit. Very desirable for massing in beds or borders. Suitable also for window boxes. Bloom from early spring until heavy frost. Are used extensively for raised mounds, and their drouth resistance and brilliant coloring make them much in demand in the South. We offer only the mammoth type.

DEFIANCE—Bright scarlet.
PURPLE MANTLE—A deep fine purple.
FINEST MIXED—A mixture from above varieties.

Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.50.

Sweet William (Dianthus Barbatus)

Extensively used, sweet scented perennial for bedding and borders. Flower similar to that of Phlox but with a much wider range of colors. These vary from white through many shades of rose, lilac, red, carmine, crimson, and maroon, to nearly black. Usually two shades to each plant.

FINEST DOUBLE MIXED—Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.

Phlox.

Geranium

A tender perennial usually grown from cuttings, but which does well from seeds also. Part of the charm of growing Geraniums is their changeability. Plant mixed seeds and watch your flowers. Good for pots. **Postpaid: Pkt. 15c; 2 pkts. 25c.**

Ice Plant

A trailing plant especially desirable for hanging baskets, rock work, fences and edges. Leaves and stems succulent and appear to be covered with ice crystals. Tiny flowers, usually a dainty lavender in color. A hardy trailing annual. **Postpaid: Pkt. 10c; 3 pkts. 25c.**

Phlox Drummondi

One of the easiest grown of all the annual flowers in the South. Produces a magnificent display of many and brilliantly colored flowers. Plants are hardy and bushy, about one foot high. Particularly attractive in large masses or clumps. Also used for boxes and cut flowers.

CHAMOIS ROSE—Rose carmen eye.
CRIMSON—Deep Red.
MIXED—A very choice mixture.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.75.
DECUSSATA MIXED — Hardy perennial Very fine mixed. **25c Pkt. postpaid.**

Geranium.

Petunias

A very popular plant, easily grown and especially desirable for mass beds. They are hardy annuals, usually unaffected by heat, rain and drouth.

We especially recommend the named varieties for one color beds or window or porch boxes.

Our ruffled giants and double Petunias are selected from the finest and largest of the new creations by the greatest hybridizers.

RUFFLED GIANTS—Mixed shades. Ramona Strain. Flowers beautiful, ruffled and fringed with open, well-marked throats. **Postpaid: Pkt. 15c; 2 pkts. 25c.**

DOUBLE PETUNIA—Marvelous Mixture, Double Finest Fringed, a very fine mixture producing a large percentage of doubles. **Postpaid: Pkt. 25c; 3 pkts. 50c.**

SINGLE

SINGLE GENERAL DODDS—Blood Red.
SPECIAL MIXTURE—Beautiful colors.
Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.50.
PURPLE PRINCE—Beautiful purple.
ROSY MORN — The glorious rose petunia everyone wants.
Postpaid: Pkt. 15c; 2 for 25c.

Single Petunia.

Fringed Petunia.

Flowering Spikes—Splendid Cut Flowers

The gracefulness of the spike flowers make them much desired for cut flowers, bouquets, baskets, etc.

Larkspur.

Larkspur

No garden is complete without larkspur. They add a rare charm to rock gardens especially. Their long-clustered spikes of beautiful irregular flowers, often with long spurs, are especially valuable for their shades of blue. The annual forms are splendid for bedding. Colors range from white through pastel shades of blue, lavender and pink to brilliant hues. Plant in the fall or very early spring. Reseed themselves, but gradually lose color and should be replanted every two to three years. Hardy annual. Our tall, double stock flowered strain will please you. Note this wide range of colors:

Dark Blue, Lustrous Carmine, Empress Rose, Scarlet Rose, Sky Blue, Violet, Finest Mixed. Pkt. 10c; 3 Pkts. 25c; oz. 50c; postpaid.

LOS ANGELES—Brilliant Rose on Salmon. **Pkt. 10; 3 Pkts. 25c; oz. 85c; postpaid.**

Delphinium (Perennial Larkspur)

Because the annual larkspurs reseed themselves so well, this variety is not exceedingly popular through the South. They do very well, however, and have a good range of colors. Our Gold Medal Hybrids are very fine, and we especially recommend them for their color mixture, which we are confident will please you. **Pkt. 10c; 3 pkts. 25c; oz. $2.00; postpaid.**

Campanula—Canterbury Bells.

Stocks (Gilliflower)

Considered almost indispensable where a fine display of flowers is wanted and particularly valued for edgings, bedding and pot culture; also suitable for cutting. Produce dense spikes of very fragrant and beautiful double flowers in wide range of attractive colors. A hardy annual, growing from 12 to 18 inches high. Comes in Brilliant Rose, Canary Yellow, Carmine, Dark Blue, Lavender, or mixture of these colors. **Pkt. 10c; 3 pkts. 25c; oz. $3.00.**

Fox Glove (Digitalis).

Snapdragon.

Canterbury Bells (Campanula)

Large, beautiful and very important family for the flower garden. Charming for rock gardens. Grow wild in some parts of the South, but the cultivated plants are much more beautiful. Grows about 2 feet high. Sow seed in fall for spring blooming.

CAMPANULA MEDIUM—Mixed colors. **Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.**

Foxglove (Digitalis)

A fine old-fashioned border plant, affording spikes of large, brilliant colored flowers which are about half as long as the height of the plant. Very distinct and showy. Colors include White, Lavender, and Rose, many being spotted or splotched. Hardy perennial. Finest Mixed. **Pkt. 10c; 3 pkts. 25c; oz. 75c; postpaid.**

Stock.

Snapdragon (Antirrhinum)

A border and bedding plant of long-blooming season. The long showy spikes of curiously shaped tubular flowers, with spreading lobes and finely marked throats are fragrant as well as brilliantly colored; very desirable for cutting. Seed may be sown in the fall or spring, but where winters are severe, the gardener who wants early flowers should start the seed quite early under glass and transplant to a sunny situation as soon as the ground is warm. Grow two to three feet high.

Brilliant (scarlet and yellow), Brilliant Rose (rose pink), Cardinal (dazzling scarlet), Crimson King (deep crimson, dark foliage), Golden King (fine yellow), Rose Queen (soft pink), Mixture of above. Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.

Texas Bluebonnet (Lupins)

This lovely flower is becoming more and more generally used in perennial borders. While it is an annual, it reseeds itself and is so hardy that it will grow practically anywhere. Grows from 1 to 2 ft. in height and does exceptionally well on lime soils. Is a legume and enriches the soil where it grows. Plant in the fall or very early spring. **Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. $2.00; postpaid.**

Texas Bluebonnets.

Tall Growing Plants and Flowers For Backgrounds

Cosmos.

Lantana

A tender perennial which makes a splendid display the first season from seed. Above the large green leaves rise in prolonged succession, verbena-like clusters of fragrant flowers in shades of crimson, rose, orange, and yellow, followed by green berries that turn later to a deep blue. Valuable for bedding, and also adapted to pot culture. A most interesting plant.

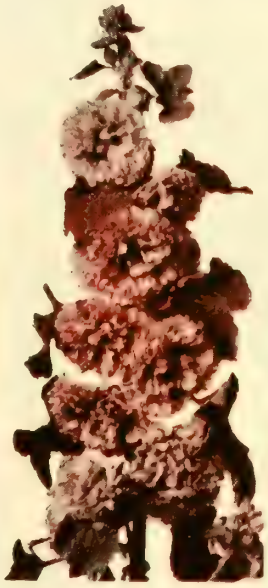
Finest Mixed—Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.

Golden Glow (Rudbeckia Laciniata)

Hardy, free flowering and easily grown perennial, similar in appearance to cosmos. Grows 5 to 7 feet and blooms from July to October. Beautiful yellow flowers which produce good flowers for cutting, borne on long, graceful stems. **Pkt. 10c; 3 pkts 25c; postpaid.**

Lantana.

Four O'Clocks.



Hollyhock.

Hollyhock

Too much cannot be said for these hardy perennials. Once established, they grow and bloom freely for years. Beautiful long spikes, filled with handsome blooms, 3 inches across, crushed closely together. From 5 to 7 feet in height.

CHATER'S DOUBLE — Producing extremely double flowers that resemble small peonies with dainty, closely-packed petals. Comes in Crimson, Deep Rose, Clear Yellow, and a splendid mixture of named varieties. **Pkt. 10c; 3 pkts. 25c; oz. $1.25; postpaid.**

Cosmos

Very effective for autumn flowering in broad masses or backgrounds. A hardy and rapid growing annual, forming bush-like plants with feathery green foliage four to six feet high, covered with large flowers, somewhat resembling single dahlias. Early Flowering Mammoth Mixed. **Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.**

KLONDYKE — A gorgeous orange-yellow flower with very handsome foliage, more coarsely laciniated than others. **Pkt. 10c; 3 pkts. 25c; oz. $1.25; postpaid.**

Square Brand 10c and 15c packets of flower seed offer **more** seed than is found in the average packet of the same price, and the same care is used in the selection of high grade flower seeds.

Low Growing Flowers

Periwinkle (Vinca)

An attractive bedding plant adapted to the entire South. Produces round single flowers and exceptionally luxuriant foliage. A tender perennial treated like an annual. Can furnish in Pure White, Rose or White with Crimson Eye. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.00.**

Four O'Clock (Marvel of Peru)

An old-fashioned annual especially adapted to the South, somewhat similar to Periwinkle in hardiness, reseeds itself, and is especially attractive for bedding and low-growing backgrounds. Shades of Red, Yellow, and White. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. 50c.**

Seeds sold under the Square Brand trade-mark, are the best that can be obtained, whether they are field seeds, garden seeds or flower seeds. Year after year the producers of these seeds plant the best seed stock for breeding purposes, then cull out all except the perfect, vigorous plants. They are bred for three outstanding qualities—varietal purity, vitality, and hi-germination, which produces for you greater yields of more marketable crops.

Periwinkle (Vinca).

Sweet Peas.

Lovely Fragrant Sweet Peas

We can furnish both the early and late Spencers in the annual sweet peas, but are listing only the late Spencer since it is the more popular. Flowers are exceptionally large. Standard and wings are frilled, and the general effect is remarkably graceful. We offer the following varieties:

ASTA OHN—Pinkish lavender.
BARBARA—Soft Salmon.
CHARITY—Rich Crimson.
COMMANDER GODSALL—Large violet blue.
COUNTESS SPENCER—Rose pink.
WARRIOR GIANT—Maroon.
DEFIANCE—Glowing orange scarlet.
GLENEAGLES—Large pale blue lavender.
GLORIOUS—Brilliant rose cerise.
ROYAL PURPLE—A rich purple.
MIXED—Mixture of above.

Postpaid prices: Pkt. 10c; oz. 25c; lb. $2.00.

Perennial Sweet Peas (Lathyrus Latifolius)

A sturdy vine with luxuriant pea-like foliage and pea-shaped flowers borne in large clusters of 8 or 10 each. Waxy in appearance. They bloom for a long time. Can furnish in pink, red or mixed. **Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz. 50c.**

Rapid Growing Climbers

Hyacinth or Jack Bean (Dolichos)

This is an exceptional vine and rapid climber with clusters of purple and white flowers similar to a sweet pea and followed by ornamental seed pods. This is a hardy annual which grows from 10 to 15 feet high. PURPLE or MIXED. **Postpaid prices: Pkt. 10c; oz. 25c.**

Cardinal Climber

A dainty annual climber which does remarkably well when planted in warm, sunny locations. Frequently reaches a height of 20 feet. Flowers are very similar to those of Cypress but larger and quite brilliant. **Postpaid: Pkt. 10c; 3 pkts. 25c; oz. $1.00.**

Kudzu (Jack and the Bean Stalk)

The most rapid growing vine in cultivation. A hardy perennial climber which grows from 40 to 60 feet in a single season after becoming established. Extremely valuable for covering verandas, pergolas and unsightly fences. Will thrive on any land that will support vegetable growth. Advisable to soak seed before planting. **Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz. 50c.**

Cypress Vine

A beautiful rapid growing climber with delicate dark green feathery foliage and many small bright star shaped blooms. Susceptible to training and when planted by the side of a veranda or arbor is especially handsome. A hardy annual. Mixed colors. **Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz. 50c.**

Morning Glory

A beautiful showy climber—a hardy annual. Flowers are most brilliant in the morning. Suitable for arbors, trellises and covering any unsightly object.

ROSE MARIE (Double Deep Rose)—Early and free flowering . Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz. 75c.

HEAVENLY BLUE—A lovely deep blue shading lighter toward the center. **Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz $1.00.**

JAPANESE GIANT MIXED—Postpaid: pkt. 10c; 3 pkts. 25c; oz. 35c.

Gourds

These trailing annual vines are used extensively for covering old fences and other unsightly objects because of their exceptionally rapid growth. Their fruits are much prized by children as toys.

DIPPER—Everybody knows the old-fashioned gourd dipper and it always remains interesting and attractive.

HERCULES CLUB—Fruits extremely long and large, tapering to the stem end. Vines are very thrifty and rapid climbers. Also known as Dish Rag Gourd.

MIXED—Mixtures of all the above varieties gives you an assortment of shapes and sizes.

Postpaid prices: Pkt. 10c; 3 pkts. 25c; oz. 40c.

Moon Flower

A very vigorous summer annual. Under favorable conditions will grow from 20 to 30 feet in a single season. Flowers often four inches across, and the leaves make excellent shade.

NOCTIFLORA WHITE—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.

HEAVENLY BLUE—Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.

Scarlet Runner

Another rapid growing annual climber, bearing sprays of brilliant scarlet pea shaped blooms. Vines 10 to 12 feet high. May be used as a snap or shell bean for food as well as being desirable for ornamental purposes. **Postpaid prices: Pkt. 10c; oz. 15c.**

Cypress Vine.

Showy Annuals for Beds, Borders, Backgrounds and Cut Flowers

ZINNIAS

No other annual enjoys the popularity of the Zinnia. It produces the most brilliant, showy and satisfactory flower, with an enormous range of colors. Cut flowers last from ten days to two weeks in water. The plants withstand lots of heat and thrive splendidly in sunny locations. No garden is complete without a display of these flowers.

Double Lilliput Zinnias

Lilliputs are growing in popularity regularly for cut flower use. The flowers are small, compact and symmetrical, on strong stems. The following are fine colors:

Crimson Gem — **Finest Mixed**
Salmon Rose — **Rosebud**
Golden Gem — **Rose Pink**
Scarlet Gem — **White Gem**

Pkt. 10c; 3 pkts. 25c; oz. $1.00; postpaid.

Our California Giant Zinnias

Are magnificent. They bear huge flat double flowers, often measuring six inches in diameter when in full bloom. We can furnish these in Crimson Red, Rose Pink, Deep Orange, Golden Yellow, Light Pink, Lavender, Purple, White and Mixed Colors. **Pkt. 10c; 3 pkts 25c; oz. $1.00; postpaid.**

Giants of California.

Lilliput Zinnia.

Dahlia Flowered Zinnia.

Dahlia Flowered Zinnias

Plants are of medium height, 2 to 3 ft., very robust, bearing many long stems of the fully double, huge flowers, which resemble the showy type of dahlias. The following varieties are the finest we can get.

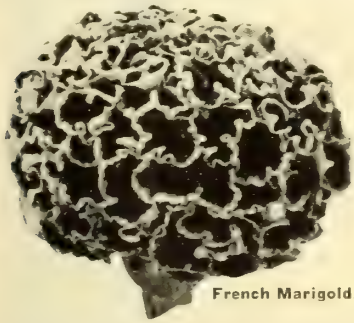
Crimson Monarch—Deep crimson.
Golden Dawn—Golden yellow.
Polar Bear—Pure white.
Oriole—Orange and gold.
Dream—Deep lavender.
Illumination—Deep rose.
Purple Prince—Deep purple.
Finest Mixed.

Pkt. 10c; 3 pkts. 25c; oz. $1.50; postpaid.

Be sure to give your plants plenty of food and water. They cannot produce beautiful flowers if you do not feed them. Vigoro is a perfectly balanced plant food. See Page 46.

MARIGOLDS

From midsummer to fall when many other plants are past their prime, Marigolds afford a wealth of color that is invaluable.



French Marigold.

The French flowers are smaller, but the colors and markings are interesting, some of the varieties being striped and spotted.

TALL FRENCH MARIGOLD (Mixed)—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.
DWARF FRENCH MARIGOLD (Mixed)—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.

Those cowardly little plant destroying bugs that curl up into a pill when you touch them—(sowbugs or pillbugs)—can be eliminated from your garden with Bait-M. Buy it through your Square Brand dealer.

African Marigold.

The tall African varieties produce large self-colored blossoms on long stems.

ORANGE BALL MARIGOLD — A tall, double variety of the African type, a beautiful orange in color. **Pkt. 10c; 3 pkts. 25c; oz. 75.**
TALL AFRICAN MARIGOLD (Mixed)—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.
DWARF AFRICAN MARIGOLD (Mixed)—Pkt. 10c; 3 pkts. 25c; oz. 50c; postpaid.

Guinea Gold Marigold.

GUINEA GOLD (Carnation Flowered California Gold)—Distinctly new in type, of graceful pyramidal habit, Guinea Gold produces a neat compact plant about 2½ feet high, literally covered with blossoms. The flowers, about 2½ inches across, are semi-double in character, and loosely ruffled.

The color is a brilliant golden orange—the color so much in demand by florists. The absence of the characteristic marigold odor has been in its favor, as well as its excellent keeping qualities when used as a cut flower. **Pkt. 15c; 2 pkts. for 25c; oz. $1.50; postpaid.**

Gladiolus.

GLADIOLUS

Last year our California grown Gladiolus proved so pleasing to our customers that we are again offering these exceptionally fine Glads, and at remarkably low prices. These are all the better, hardy florist's varieties.

Gladiolus are not difficult to raise. Plant them in February or March in rich loose soil and you will secure abundant blooms.

ORANGE QUEEN—A beautiful deep bright orange. One of the loveliest tints of all gladioli. Every florist should plant some of these. It grows splendid strong bulbs and is one of the finest of the exhibition gladioli. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

BETTY NUTHALL—Warm coral pink with pale yellow throat, orange tinted. Tall straight spike with from 7 to 10 large flowers open in perfect placement. Does well everywhere. This is a fine bulb grower and propagator. It blooms rather late. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

BERTY SNOW—One of the handsomest of the lavenders. This is a flower that everyone should have in their Glad bed. It produces beautiful spikes of a gorgeous orchid coloring. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

DR. F. E. BENNETT—This is one of the finest of Glads. A type of which the florists cannot get enough. It is a fiery scarlet, extremely brilliant, many of the flowers open at one time, and buds are in color. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

MRS. LEON DOUGLAS—A giant begonia rose makes one of the largest and heaviest spikes. Unquestionably a winner in exhibition or florist work. Will open as many as 9 flowers at a time. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

SANTA ANA—A lovely cream and pink combination of rare beauty and grace. Florists will be well pleased with this variety. It is a good strong bulb, too. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

MRS. FRANK PENDLETON—This Glad has been a favorite for many years. It is a good heavy blotched pink. A very strong bulb and one for which too much cannot be said. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

SOUVENIR—A deep clear yellow that flowers splendidly and is sure to bloom. Very prolific and good for shipping, and it blooms quite early. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

PURPLE PRINCE—A beautiful dark purplish blue. This shade of gladioli is always rare and in much demand because it is rare. Our growers originated this type and we consider it one of the loveliest of the purple blues. **Prices: ½ doz. 50c; doz. 85c; 100 $4.50; postpaid.**

LOS ANGELES—Bright fine colored Shrimp Pink, an exceptionally appealing shade. Always tall and strong. Cut it when first flower opens or it fades up the spike. This is a very lovely flower. **Prices: ½ doz. 40c; doz. 75c; 100 $3.95; postpaid.**

The above Bulbs, may be mixed to make up total quantities.

Tuberose.

Caladiums.

Tuberoses

A native of this section which produces a beautiful wax-like flower of heavy fragrance. Harvest your bulbs very late in the fall after they have died down and separate before replanting in the spring. These bulbs flower from June until frost. Tuberoses stand more drouth than almost any bulb of which we know, and we recommend them unqualifiedly. **Postpaid prices: 2 for 15c; 50c per doz.; $3.00 per 100.**

Caladiums

The large variety known as "Elephant Ears" which describes their huge green leaves perfectly. They make splendid backgrounds for other shrubbery or flowers and are beautiful in sunken gardens requiring beds of high standing foliage. **Postpaid prices: Small bulbs 20c; medium bulbs 25c; large bulbs 50c.**

Iris (Flags)

Irises are well adapted to our hot climate and increase in almost astounding numbers. Because they do increase so much, and because their flower does not last long they do not enjoy the popularity that they should. They provide a most beautiful mass bed and are also lovely in borders. We can furnish in white, blue or purple. **Roots, each 25c; 3 for 50c; $1.50 per dozen; postpaid.**

Dahlias

The Dahlia is an old favorite which improves with continued cultivation. Often they will produce flowers six, eight and even ten inches in size. They are ideal for back grounds, or any place where striking colors and large flowers are desired. Dig the roots in the fall of the year and keep in dry and warm place during the winter, replanting in the spring.

JERSEY BEAUTY—This is probably the best known and most loved dahlia. It is in a class by itself, produces a perfect soft pink bloom carried high above the foliage on a long wiry stem.

JANE COWL—A large decorative flower of a warm buff and gold blending to a bright salmon at the center. The giant flowers are held on rigid stems producing a superb effect. Be sure to have some of these.

DAKOTA—A decorative giant, flame red, well adapted to hot weather. This is an especially pleasing decorative dahlia which should be in every garden where a giant red is desired.

BASHFUL GIANT—One of the largest flowering decorative dahlias in existence. Its gigantic blooms are excellent for exhibition, not only because of size, but also for its beautiful coloring. An exquisite apricot with buff and gold tints. One of the best. A very free and continuous bloomer.

MRS. I. DE VER WARNER—A decorative blossom of soft orchid coloring and unquestionably a dahlia of great merit. Its charming color, very large flowers, and long, strong stems made it the cynosure for all eyes at recent exhibitions. A lovely deep, mauve-pink of perfect form, a true decorative type which is impressive in its very large size. Extremely strong growing, very abundant blooming, and lending itself to either exhibition or garden uses with equal success.

JEAN KERR—A lovely show dahlia, and probably the most popular white dahlia grown. It is very similar in type to the Darlene, flowers being uniform and perfect and produced on long stems well above the foliage.

Postpaid prices: 20c each; 6 for $1.00; $2.00 per dozen. You may specify mixture at the quantity price.

Bashful Giant Dahlias.

FRANK A. WALKER—A fine decorative cut-flower dahlia, which is a continuous and abundant bloomer. Very good for cut-flower purposes. Good florists' variety. In color a beautiful shade of lavender-pink, deeper pink at the center.

DARLENE — An exquisite shade of live shell-pink with a dainty blending of white at center. It is an early and continuous bloomer, excellent for florists' use. Flowers very uniform and perfect; are produced on long stiff stems well above the foliage. We can recommend this decorative dahlia highly for cut flowers and garden purposes.

Postpaid prices: 15c each; $1.75 per dozen.

PRIDE OF CALIFORNIA — Mammoth rich "American Beauty" red dahlia; very tall vigorous grower, flowering continuously from early summer until late fall. Its perfectly formed flowers are produced on strong stems, well above the foliage. Decorative type. Exceptionally large.

YELLOW DUKE—The popularity of this lovely show dahlia has never waned. It is a glowing yellow which has been demanded year after year by dahlia lovers everywhere.

Postpaid prices: 15c each; $1.75 per dozen. You may specify mixture at quantity price.

QUEEN MARY — A decorative rose pink which is becoming better known annually. We recommend that you try this one this year believing you will want it in your garden regularly.

D. M. MOORE—Another very popular show dahlia. Its deep velvety maroon flowers are almost black. One of the loveliest of the dahlias, if you like a dark color.

Postpaid prices: 15c each; $1.75 per dozen.

Cannas

The Canna is among the best adapted to all climates. It produces flowers from spring until frost kills the top of the plant, and where sufficient moisture is given them they multiply rapidly. Their reasonable price justifies everyone in having a large quantity about. These are the leading varieties:

CITY OF PORTLAND—3½ feet. Grows increasingly popular, largely because it does not fade in hot weather. It produces a deep pink bloom with flowers borne well above the foliage.

THE PRESIDENT — 4 feet. A rich glowing scarlet with immense flowers sometimes seven inches across when full open. Flowers are produced on strong erect stalks well above the heavy foliage.

KING HUMBERT—3½ feet. Foliage bronze and the finest bronze leaved Canna. Its large orange scarlet flowers are streaked with crimson and gold. It is an orchid-flowering Canna that does remarkably well in this section of the country.

YELLOW KING HUMBERT—4 feet. Foliage a very dark green, flowers a deep rich yellow spotted and blotched with bright red. Another orchid-flowering canna with giant flowers which if given a lot of water will grow as high as six feet, very showy.

YELLOW PLUME—3½ feet. Pure beautiful delicate yellow flowers on long stems. Produces splendid cut flowers.

Postpaid: 10c each; 75c per dozen.

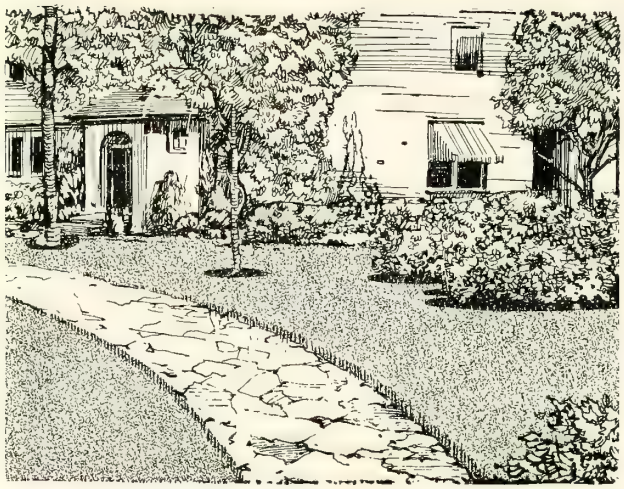
President Canna.

Amaryllis

The vivid lilies which are so pleasing because of the immensity of their flower. Not infrequently they measure five and six inches in width. They are a deep, velvety, glowing red in color with white stripes. Be sure to plant some this year. **Prices: Each 50c; per dozen $5.00; postpaid.**

Amaryllis.

Winter or Summer—You Can Have a Beautiful Lawn



There are three things under your control which have an important bearing on the success or failure of your lawn or garden. They are good seed, right cultural practices and proper plant feeding.

You'll get good seed if you buy them from us. Follow our cultural instructions and they'll be planted and cultivated right. And they'll be properly nourished if you feed them VIGORO, the Complete Plant Food.

Vigoro is clean and odorless and contains all of the plant food elements plants must get from the soil; and in the right proportion. That's why VIGORO produces such splendid results. Complete directions for use contained in every bag and package.

Delivered Prices

100 lbs. $4.00; 50-lb. bag $2.50; 25-lb. bag $1.50; 10-lb. carton 85c; 5-lb. carton 50c. F. O. B. Dallas, 500 lbs and over, $3.20 per 100 lbs.

VIGORO SPREADERS

Built especially for use with Vigoro. Apply Vigoro and grass seed quickly and evenly, assuring smooth, velvety-green lawns.

	Capacity	F.O.B.Dallas
Baby Spreader	10 lbs.	**$ 1.95**

Vigoro Spreader.

Plant Square Brand Lawn Grasses—Listed on Page 22.

HOTKAPS Mature Your Crops Earlier

HOTKAPS protect growing plants against rain, wind, cold, frost, birds, insects and other destructive forces. Each one is a miniature hothouse, maintaining a perfect mulch and forcing growth and development. With HOTKAPS, crops mature 2 to 3 weeks earlier and yield is 10 to 25 per cent greater. They are used on all kinds of small plants in every state of the Union.

HOTKAPS are patented waxed paper cones, easily set out with a convenient steel setter. One man can place 3,000 or more a day. You can be sure of your crops if you use HOTKAPS—they pay for themselves many times over.

Weight: 1,000 package HOTKAPS, 28 lbs.; 250 packages, 9 lbs.; Steel HOTKAP Setter, 3 lbs.

Prices: 1,000 lots, $10.25; 5,000 lots, $10.10 per M; 10,000 lots, $10.00 per M; 250 Trial Package, including Garden Setter with tamper, $3.75; Germaco HOT-KAP Steel Setter, $1.50. Postage extra.

These Free Pamphlets

SENT ON REQUEST

TELL YOU HOW TO CONTROL DISEASE, INCREASE YIELDS, HASTEN GERMINATION AND IMPROVE THE QUALITY OF YOUR STOCKS WITH

SEMESAN—For vegetable and flower seeds. Absolutely harmless to seed and plant life, but extremely poisonous to disease and parasitic organisms. Controls damping-off, rots and scabs on roots and bulbs, as well as other seed-borne diseases. 1 oz. treats 15 lbs. to 30 lbs. of seed by dust method, or from 40 to 60 lbs. by liquid method. Full instructions with each package. **Prices: 2 oz. 50c; 1 lb. $2.50; delivered to you.**

SEMESAN BEL—For Seed Potatoes. One of the most important disinfectants. 1 lb. treats from 60 to 80 bushels of potatoes. **Prices: 4 oz. 50c; 1 lb. $1.75; 5 lbs. $8.00; delivered to you.**

SEMESAN JR.—For Seed Corn. Dust at the rate of 2 ounces to each bushel of seed corn. Protects from rotting in ground and makes possible earlier planting. **Prices: 4 oz. 40c; 1 lb. $1.50; 5 lbs. $7.00; delivered to you.**

CERESAN—For Cotton, Wheat, Oats, Barley, etc. Prevents rotting in cold wet soil; kills surface anthracnose, angular leaf-spot, certain boll-rots. Use 3 oz. per bu. of cotton seed; 2 oz. per bu. of wheat or rye; 3 oz. per bu. of oats or barley. **Prices: 1 lb. 75c; 5 lbs. $3.00; 25 lbs. $12.50; 100 lbs. $49.00; delivered to you.**

All experiments have proven conclusively that inoculating seed with legume germs not only increases yield for the year such seeds are planted, but vastly increases the fertility of the soil for future crops.

YOU CAN NOW AFFORD TO INOCULATE ALL YOUR LEGUMES WITH DATED, HIGH COUNT NITRAGIN.

Full value guaranteed in every package of NITRAGIN—packed with Billions of live, fresh and efficient Legume Germs. For your protection every package of NITRAGIN bears the Expiration DATE, Germ COUNT when packed and the PRICE.

NITRAGIN EASY TO APPLY

NITRAGIN is a granular MOIST soil-like culture packed in tins. Easy to apply. Directions on every can.

NITRAGIN INOCULATION PRICES, POSTPAID
When Ordering, Always Specify Kind of Seed.

Alfalfa, All Clovers, Lespedeza		Soy Beans, Cow Peas	
Size			
½ bu.	$ .35	1 bu.	$ .35
1 bu.	.65	2 bu.	.65
2½ bu.	1.40	5 bu.	1.40
		10 bu.	2.45

Peas, Vetch, Beans, Austrian Winter Peas		Garden NITRAGIN for Peas, Beans, Sweet Peas
½ bu.	$ .35	Inoculates from 1 oz. to 8 lbs. seed. **Price** 25c
1 bu.	.50	
*1 2/3 bu.	.80	
5 bu.	2.25	

*"100 lb. size" packed only for Vetch and Peas.

Peat Moss Mulch

Loosens soil—ideal for top dressing on lawns and for mulching bulbs, shrubs and roses.

Our imported peat moss will do wonders for any tight soil and improve the moisture holding qualities of any soil. We recommend mulching established lawns from ½ to 1-inch deep either in the fall or spring. Use peat moss on your rose and flower beds, around shrubs, or anywhere you desire to loosen soil and hold moisture.

Large bale covers 240 sq. ft. 1-inch deep; 20-22 bushels (Average weight, 125 lbs.) **Per bale, F. O. B. Dallas $3.50**

Small bale (½ of large bale). **Per bale, F. O. B. Dallas, $2.25.**

Compressed Air Sprayers

Coyote—Self-Filling

The Coyote is a self-filling compressed air sprayer—in a class entirely alone. This entirely eliminates spilling and waste. Quick, clean and easy to use. Notice the built-in, funnel shaped top. Saves your time in addition to the spray material. You'll be glad you bought this model every time you use it.

This is a general purpose sprayer, satisfactory in the field, factory or around the home for white-washing, disinfecting, creosoting, all kinds of staining, cold water paints, etc. It delivers one gallon of spray material in six minutes.

3½ Gallon tank, 21 inches high, made of heavy galvanized steel, top and bottom terne plate. Pump 1¾ inches by 14 inches, made of seamless brass tubing. Fitted into top of tank. Equipped with automatic nozzle, all brass, and all brass extension packed 1 in heavy fiber shipping carton. Shipping weight 10 lbs.

No. 505-G—Coyote Sprayer, Galvanized, F. O. B. Dallas, $4.25.
No. 505-B—Coyote Sprayer, Brass, F. O. B. DALLAS....$6.25.

Beaver 2½ Gallon

Many people prefer a smaller compressed air sprayer for convenient use about the home, and we have found none the equal of this type. This little sprayer will develop an exceptionally high pressure and will handle all general purpose spraying in the garden, field or around the home. It delivers one gallon in six minutes and may be used for all kinds of liquids.

The tank is 17 inches high, same general construction as the Coyote. Pump 12 inches by 1¾ inches, made of seamless brass tubing. Fitted into top of tank by patented safety locking device. Packed 1 in heavy fiber shipping carton. Shipping weight 9 pounds.

No. 546-G—Beaver Sprayer, Galvanized, F. O. B. Dallas $3.95

Cracker Sprayer

This sprayer has a measured discharge so that the user can apply a given amount of spray material in a predetermined length of time. It will discharge 4/5 of one cubic centimeter per stroke, 2 ounces per minute, or approximately one quart in 16 minutes. Tank holds slightly more than a quart. Shipping weight each 2 lbs.

No. 334—Cracker Sprayer, F. O. B. Dallas, each 40c

Mosquito Sprayer

A fine little sprayer, designed for household use. Has a detachable glass container, with large opening for easy filling. Pump is at an angle so tank may sit flat and not tip over. Very convenient for spraying potted plants, sink drains, etc. 3½ ounce capacity. Shipping weight, 2 lbs.

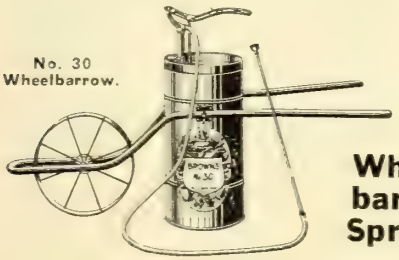
No. 353—Mosquito Sprayer, F. O. B. Dallas, each 20c

Diamond Sprayer

CONTINUOUS.

The Diamond Sprayer is built by practical engineers. The discharge is measured to deliver 28 cubic centimeters (approximately one ounce) per minute, which is the average amount required for the greatest number of uses. This sprayer is very easy to operate. There is no spitting or dripping at the beginning or end of the stroke. Do not fill this sprayer more than ¾ full for best results. Full capacity, one quart. Shipping weight, 2 pounds.

No. 322 Diamond Sprayer, F. O. B. Dallas, each 75c



No. 30 Wheelbarrow.

Wheel-barrow Sprayer

We have only a few of these left in stock and when they are sold we will not have any more to offer at the exceptionally low price quoted.

This pump is built almost entirely of brass; vacuum cup agitator insures complete agitation. 12-gallon galvanized tank with a heavy truck frame and wheel. 6-foot hose; 2-foot iron extension. This is one of the biggest bargains ever offered. Shipping weight, 50 pounds.

Special F. O. B. Dallas price...$12.50

Spray Bulb

This convenient small hand spray is very desirable for spraying ferns, window boxes, etc. Used extensively also for sprinkling clothes.

postpaid to you.....60c

Bucket Pump

This high pressure bucket pump is acknowledged to be the most powerful sprayer of its type. It is especially recommended for orchard, vineyard or shrub spraying. Generates a pressure of over 200 pounds, with very little effort on the part of the operator. Pump is all brass with malleable iron foot rest and handle. Equipped with non-clog nozzle and solid stream nozzle. Hose 3/8 inches, 5 ply, extra heavy. Shipping weight, 4 pounds.

No. 6—Bucket Pump, F. O. B. Dallas, each.....$2.95

Make your hens happy by protecting them from bluebugs and mites, that suck the very life out of them. C-A Wood Preserver sprayed on the walls of your hen houses, in nests and roosts will keep your chickens free from these pests. It means healthier birds and more eggs.

Major Duster

Hand type. Powder reservoir 5 in. long, 2¾ in. in diameter. Special strainer prevents clogging. Comes complete with two 12-in extensions and two tips, as illustrated. Shipping weight, 2 pounds. **No. 665—Major Duster: F. O. B. Dallas, $1.25 each. No. 665-A—Major Duster** (equipped with 12-inch flexible hose for Cyanogas use), **F. O. B. Dallas, $1.35 each.**

It's Easy to Kill Insects

WITH NEW EVER GREEN SPRAY

PROTECT THE BEAUTY OF YOUR GARDEN

New Ever Green Spray greatly simplifies insect control. It does away with complicated and confusing instructions. Provides you with **one** product that will take care of 95% of the insect troubles in home gardens. All you have to do is add water and spray.

The deadly pyrethrum content of New Ever Green kills insects on plants such as aphis, leaf-rollers, rose beetles and many others of the more resistant insects—both chewing and sucking. It won't injure tenderest blossoms. It is non-poisonous to men and animals.

Postpaid prices: 1 oz. 35c; 6 oz. $1.00; 16 oz. $2.00; 1 gallon $12.00.

Tree Tanglefoot

STOPS ALL CLIMBING INSECTS!

This is a sticky material for applying in bands around the trunks of trees and vines to combat the clinging and creeping type of destructive insect pests. It remains effective three to four months, outlasting ten to twenty times any other material. Easily applied with a wooden paddle. One pound makes fifteen or more lineal feet of bands.

Expands with growth of plants.

1 lb. can, F.O.B. Dallas...60c 5 lb. can, F.O.B. Dallas.$2.75

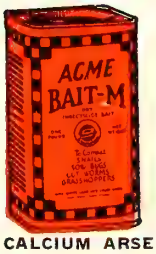
Protect Your Plants From Insects

ANT-KILL is a sure kill for either sweet or grease loving ants IN THE NEST. Used according to directions, there is no exposed poison. It is poured into glass containers and placed conveniently for the ants who carry the poison to their nests. Easy to use, and adapted to any size home or garden. For the small grease-loving ants simply add a small piece of bacon to the bait. **Complete set, F. O. B. Dallas, each.....60c**

ALL ROUND SPRAY—For flowers, vines, shrubs, roses, vegetables. All Round Spray contains the three leading remedies used by all large growers. Arsenate of lead, Nicotine Sulphate and Bordeaux Mixture. **Prices, F. O. B. Dallas: ¼ lb. 35c; lb. 85c.**

APHIS SPRAY — An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphis (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions found with every package. **Price: 3 oz. collapsible tube 35c**

ARSENATE OF LEAD—Most favored arsenical insecticide. Safe to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray. **Prices: ½ lb. 25c; lb. 35c; 4 lbs. 75c; F. O. B. Dallas.**



BAIT-M—An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, slugs, cutworms, ear-wigs, sow bugs, grasshoppers and many other insects which migrate along the ground. **Prices Lb. 35c; 3 lbs. 75c; 15 lbs. $3.00; F. O. B. Dallas.**

BORDEAUX MIXTURE — Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous disease. It stimulates plant growth and greatly increases harvests. **Prices: F. O. B. Dallas, 1 lb. 35c; 4 lbs. 75c.**

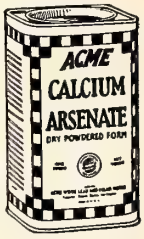
CALCIUM ARSENATE—Cheapest Arsenical insecticide on the market but efficient for certain purposes. Accepted as best for boll weevil poisoning on cotton, also recommended to combat chewing insects on potatoes, vegetables, cotton and certain fruit trees. **Prices: F. O. B. Dallas, ½ lb. 15c; 1 lb. 20c; 4 lbs. 50c.**

That old brooder may prove expensive, by causing a serious fire. Whether you use oil, gas, coal or electricity—modern Magnolia brooder equipment is the best of its kind.

ASK FOR COMPLETE SPRAY CHART

DAWG-GONE — Protect your evergreens — keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. Not necessary to place tube in every tree unless standing alone. The odor slowly emanating from the open tube will keep dogs at a distance—replaces unsightly wire screens or mechanical contrivances. **Tubes, 35c each; 3 for $1.00.**

DUSTING SULPHUR—Keep your roses free from mildew, black spot, leaf spot and other hideous fungous diseases. Acme M-S-R Dusting Sulphur is a tonic for roses, chrysanthemums, phlox, delphiniums, sweet peas, lilacs, snapdragons and carnations—to make these flowers and many other plants yield their full measure of sweetness and beauty. **Price: 3 lb. sifter carton, 45c each; F. O. B. Dallas.**



ACME LONDON PURPLE—A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage. For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects. **Prices F. O. B. Dallas: ¼ lb. 15c; 1 lb. 35c; 4 lbs. 75c.**

GARDEN GUARD—An insecticide and fungicide for use as a dust. Use on practically all forms of vegetables. Sifter carton. **Prices: Lb. 35c; 5 lbs. $1.50; F. O. B. Dallas.**

SPRAY SOAP — Ideal for use with insecticides needing a spreader, and also used as a wash preventing spread of scale. **Prices: Lb. 35c; 5 lbs. $1.50; F. O. B. Dallas.**

TWO WAY SPRAY—A combination of Arsenate of Lead and Bordeaux Mixture. Two results with one application. **Prices F. O. B. Dallas: ½ lb. 25c; 1 lb. 45c.**

LIME AND SULPHUR—Lime and sulphur converted into a dry powder. For use in dormant spraying against scale, peach-blight, leaf-blight, leaf-curl and twig borer. Summer spray against scab, soot, blotch, red spider and mite. **Prices: Lb. 35c; 5 lbs. $1.50; 25-lb. drum $6.00; F. O. B. Dallas.**

PARIS GREEN—A powerful poison carrying sure death to insects of the eating type. **Prices: ¼ lb. 20c; lb. 60c; F. O. B. Dallas.**

Peach Tree Borers

Should Be Killed with Paradichlorobenzene.

This is an effective and permanent control of the Peach borer which may be applied either of two ways:

First: Clean gum away from tree trunk and clean ground around the base of the tree. Encircle the tree two inches away from the trunk, with one ounce of Paradichlorobenzene and cover with fine earth. Pack down firmly.

Second: Made an emulsion of 2 lbs. of Paradichlorobenzene, 1 gallon of Crude Cotton Seed Oil with enough Potash Fish Oil Soap to emulsify the mixture. Dilute one pint of the mixture with 1 gallon of water for spraying. Apply around the base of the tree and on the lower part of the trunk. It requires approximately one gallon of spray to cover a medium peach tree efficiently. **Prices, F. O. B. Dallas: 1 lb. 75c; 5 lbs. $3.25.**

Red Seal Roach Powder

An effective dust which, when used according to instructions, positively frees any building from roach infestations.

Roaches multiply very rapidly. Eggs hatch seven days after being deposited. This powder should be dusted with the use of a small dust gun into every crack or crevice, in door hinges, under furniture or any place at all where roaches bed. Especially effective and about the only known method of killing the Australian Roach, a brown and white roach which beds all over houses. A second application should be made within ten days of the first and if applications are thoroughly made you will be entirely free from roaches.

Prices, F. O. B. Dallas: 8 oz. can 50c; Small dust gun 10c.

Oil Emulsion

Another government-recommended control for the spraying of orchards and shrubbery. It controls camphor scale, San Jose scale, white fly, purple scale, mealy bugs and other scale insects; also plant-lice and red spider. **Prices: Qt. 35c; ½ gal. 65c; gal. $1.00; 5 gal. $4.50; 55-gal. drum, 55c per gal. F. O. B. Dallas.**

Black Leaf 40

A highly concentrated nicotine solution for spraying. Does not injure foliage and is unquestionably one of the most effective poisons on the market against aphis, thrips, leaf-hoppers and many other insects. Used and endorsed by experiment stations and leading growers. **Prices: Oz. 35c; 5 oz. $1.00; lb. $2.10; 2 lbs. $3.10; 5 lbs. $5.85; 10 lbs. $9.85; F. O. B. Dallas.**

RAT-SCENT is a poisoned grain — and grain is the natural food of a rat. When a rat approaches Rat-Scent he smells a scent that has the same effect on him that fish has upon a cat. He tastes the bait and finds it good and eats it greedily. It takes some little time for the blended poison to absorb into the blood stream, but after it does absorb, the rat feels suffocated, and walks away from the bait, every step getting faster, running for fresh air until he drops.

Rat-Scent outwits the keen sense of self-preservation possessed by every rat and is an ideal exterminator. Harmless to chickens; dogs and cats not attracted because it is a whole grain. Extremely simple to use. **Prices: F. O. B. Dallas: 7 oz. 35c; 13 oz. 50c.**

$1,000.00 Bed Bug Killer

When $1,000.00 Guaranteed Bed-Bug Killer is used it means sure death to the Bed-Bugs it reaches.

It is non-explosive and can be sprayed freely over a room, on the wall-paper, pictures, etc., without injury or stain.

The best results are obtained by using a hand sprayer which will force the liquid far into the cracks and crevices. In small homes an ordinary oil can or a spout on the Bug Killer can may be used.

Price, postpaid:
1 pint can.....40c

Free From Chiggers!!

A repellent that keeps them off—harmless to the most delicate skin.

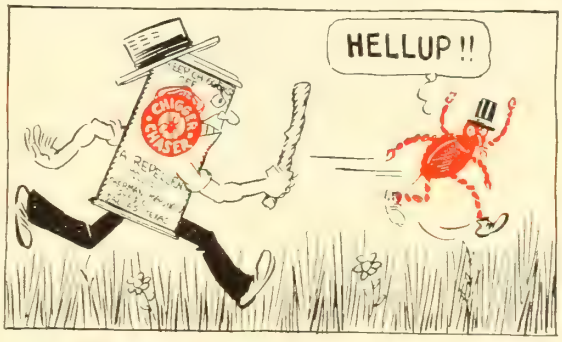
If you are susceptible to Chigger bites, you'll welcome this new freedom from their stings. No more welts—no more infections and no more danger of fevers. CHIGGER CHASER, a harmless, sweet-scented powder, dusted over your entire body positively repels chiggers and they will not bite.

Chigger Chaser

In sifter top cans.
Prices, postpaid:
2 oz. 25c; 5 oz. 50c.

Chigger Choke

A powder for application to your lawn, kills every chigger on the lawn, when properly applied. **Price, F. O. B. Dallas, 5 lbs. (enough for an ordinary 50 ft. city lot), $1.25; 100 lbs. $15.00.**



A NON-POISONOUS WEED KILLER

ATLACIDE

CHLORATE WEED KILLER

VERY EFFECTIVE ON POISON IVY

Atlacide, in contact with living plant sap, acts like blood poisoning in the human body and kills the entire plant system. In addition, it possesses certain other advantages not found in other Chlorates. Its effectiveness is increased because it is compounded particularly for weed killing purposes and is slightly acid in reaction. Its moist condition eliminates fire hazard. Sodium Chlorate has proven unsatisfactory as a weed killer because it dries immediately and is dangerously inflammable.

Atlacide has been used with entire satisfaction for killing weeds on thousands of farms throughout the country. Full results will not appear until the spring following application as chemical continues to work through the winter. Treated land may remain partially sterile during the summer following treatment, but Atlacide does not permanently affect soil fertility. Full instructions with each shipment.

DELIVERED PRICES

1 lb. Sifter Top Cans (kills 100 to 450 sq. ft. of weeds).....50c each
3½ lb. Sifter Top Cans (kills 350 to 1500 sq. ft. of weeds).....$1.50 each
15 lb. Drum (kills 1500 to 2500 sq. ft. of weeds).....$3.50 each
100 lb. Drum (kills 10,000 sq. ft. dense weeds).....13½c lb.

$1,000.00 Guaranteed Ant-Bane

Of all the insect pests to which the household is subject, none is more difficult to get rid of than black and red ants. But not when $1,000.00 Guaranteed Ant-Bane Powder is sifted about. It is a really effective and thorough Ant Remedy. When properly applied in accordance with directions, it is guaranteed to rid buildings of ants. The manufacturer will forfeit one thousand dollars if it can be proven to them that this preparation cannot rid buildings of these pests.

Postpaid price: 3 oz. can.....35c

$1,000.00 Rat and Mouse Killer

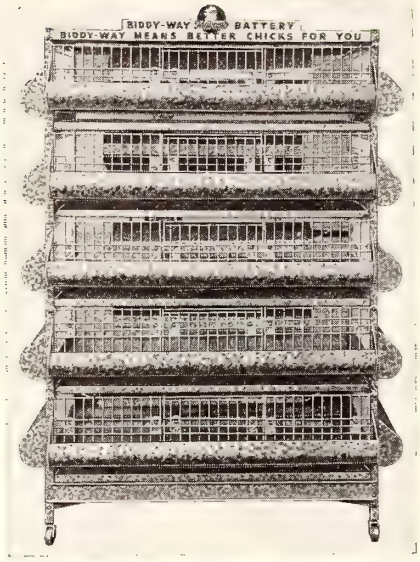
Guaranteed to kill rats and mice when used according to directions. This killer produces a burning thirst and if precautions are taken to prevent rats and mice from securing water in the building, they seek the open air and die outside. This is a bait and should be used in quantities sufficient to exterminate at each baiting, since it is a known fact that rats and mice are very suspicious and refuse to eat baits after several of their number have died. **Prices postpaid: 4 ounce cans, each.....35c**

$1,000.00 Roach Killer

The manufacturers have not been called upon to pay their $1000.00 guaranty at any time, and the powder has been on the market for more than fifteen years. Roaches, water bugs and black beetles like and eat this powder. It is odorless and clean.

Price, post paid: 3-oz. pkg. 35c
7-oz. pkg..65c

New Biddy-Way Display Battery



New Biddy-Way Display Battery.

This new battery is the culmination of years of experience in brooding and displaying baby chicks. It presents an attractive appearance and greatest possible display of chicks. Chicks are visible, even when under the heater. You don't see a clump of them huddled together out on the floor because they don't know where to go for heat.

Every chick can be readily reached through the handy front door. They can't get away onto the floor. The door is just big enough—not too big. Doors are in front so battery doesn't have to stand in the middle of the floor so that chicks can be taken out of the back.

Heaters are adjustable for height, from the outside. They draw only 60 watts each; the whole battery draws only 300 watts. Battery is designed to be used in moderately warm room. In cold, drafty rooms a cloth can be hung on the back to conserve heat.

Feeders are perfectly proportioned; hung so as to be instantly removable. Those at the right side are soldered for water. There is a perfect balance between total area, feed and water space and brooding area. This battery will handle more chicks per square inch of floor than those not so well proportioned.

Heater is 16x28 inches. Its face is the element with the non-glowing resistance wiring so mounted upon its back as to secure uniform radiation from the entire surface. Behind the element is ½ inch of insulating board; above that, dead air confined by the galvanized canopy. Canopy edge extends down one inch beyond the element, confining a blanket of heated air. For day old chicks heater should be adjusted to hang down close to the floor with its warm radiating surface and blanket of heated air ready to protect against extreme conditions. Heaters conserve animal heat of the chicks under them, just as a feather board does. Heaters offer no hindrance to removal of chicks, since they tip freely from side to side as desired.

Overall height of this battery 71 inches; width 50 inches and depth 32 inches. 5 sections. Shipped with sides assembled so erection is easy. Floors new size mesh ½ inch by ¾ inch, found superior to the old ½ inch square. Tinned after fabricating. The entire construction is sturdy, **built to last.** This is a fixture of which you will be proud as long as you own it. Battery will roll through an ordinary door. Capacity over 600 chicks under 7 days old.

P5-95A has automatic control in each heater, but this is really not necessary. Usually the current can be turned off in all but perhaps the lower section after the show room warms up in the morning.

	Shipping Wt.	F. O. B. Dallas
P5-95—Electric, not automatic	347 lbs.	**$74.50**
P5-95A—Electric, automatic	350 lbs.	**80.00**
C5-30—Biddy-Way, heater only	9 lbs.	**3.75**
C5-3—Biddy-Way, heater with legs	10 lbs.	**3.95**

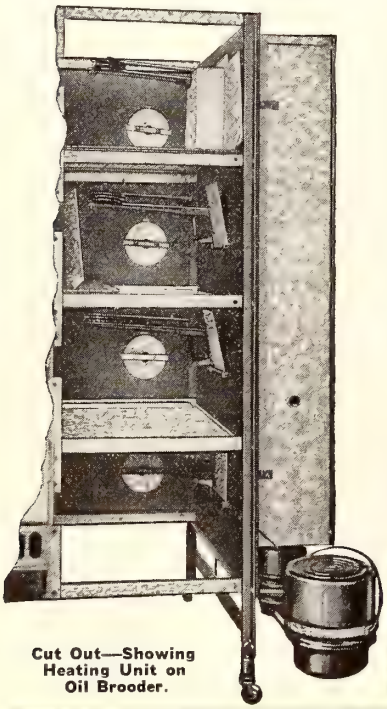
Starter-Intermediate Battery

A perfect unheated starting battery, in which Biddy-Way heaters may be used readily and installed any time in fifteen minutes. A very convenient size —5 sections. Unusual strength and rigidity in the frame assembly combines with extreme simplicity. Sides are one-piece welded assemblies. All you need do is bolt up the sides, back and top with a few sturdy cross braces.

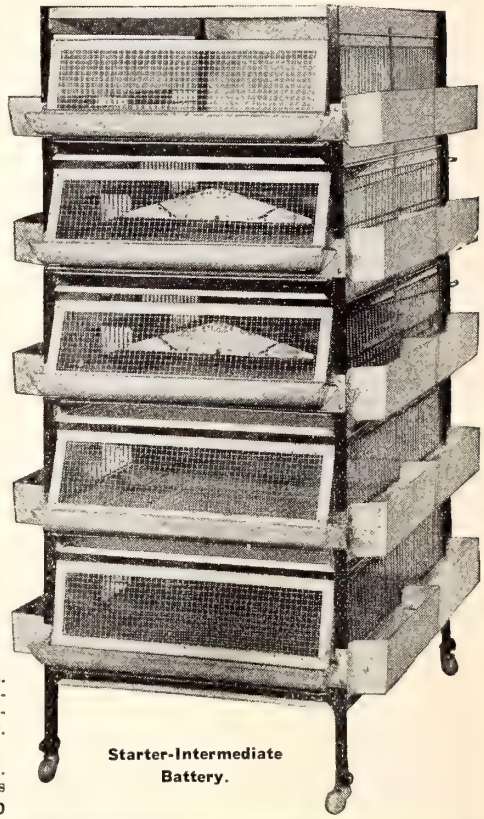
Waterers are mounted snug up against front braces so there is no gap to deter chicks from drinking. Feeders are hung at just the right height for day old chicks, yet may be raised to suit those five weeks old. Heavy welded side grids are properly built to accommodate birds up to 6 weeks old. They are instantly removable to assist chick removal. Full swinging front for easy handling of chicks. Large feeders are equipped with waste preventing grids and are mounted outside as preferred by experienced operators. Adjustable for height to reduce feed waste and prevent breast blisters.

Day old chick capacity, 625 chicks.

P5-75 — Unheated battery. Shipping Wt. 290 lbs; F. O. B. Dallas....**$52.95**



Cut Out—Showing Heating Unit on Oil Brooder.



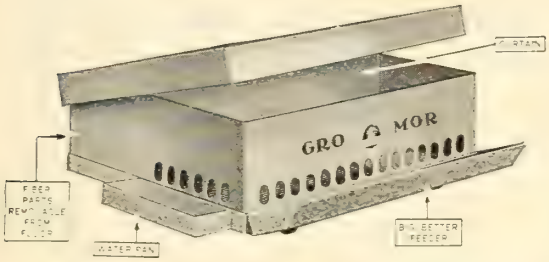
Starter-Intermediate Battery.

Oil Heated Starter

Has insulated brooding compartment. Operates by admitting hot air into the compartments through thermostatically controlled intakes. No gas or fumes can enter. A proven type.

	Shipping Weight	F.O.B. Dallas
P5-65—Oil Heater Starter	360 lbs.	**$74.50**

Rats, roaches and other insects about the house and barns are not only repulsive and disease-carrying pests, but they cost you money in their destructiveness. Square Brand dealers can supply you with insecticides and pest destroyers for practically every use. See pages 48 and 49 for descriptions.



Gro-Mor Brooders

This little brooder is fine for a small lot of chicks, or may be used in a heated room in considerable numbers.

Made of fiber board, with wire screen floor; durable and waterproof. Equipped with feed and water pans. The box is removable and can be replaced at nominal cost. Inside dimensions are 20 inches by 24 inches by 7½ inches high, giving ample head room for chicks three to four weeks old.

The illustration shows all details of construction, excepting the optional electrical equipment which consists of ten feet of cord, porcelain socket terminal plug, and circulating drum to enclose the bulb. Bulbs not furnished.

	Shipping Weight	F.O.B. Dallas Price
GRO-MOR ELECTRIC BROODER	9 lbs.	$1.95
GRO-MOR BROODER (not electric)	8 lbs.	1.50
VIOLET HEAT BULBS	Postpaid, each .55; Doz.	5.95
HEAT ELEMENTS (see page 55)	Postpaid, each .65; Doz.	7.35

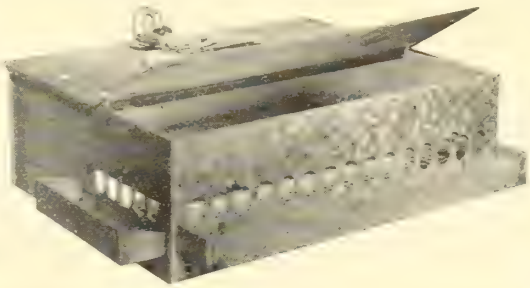
MAGNOLIA'S LITTLE MOTHER

The ideal small brooder. Will care for from 40 to 45 day old chicks. Scientifically built. So durable that it will last for years—yet so reasonable in price that no one can afford to use make-shift brooders.

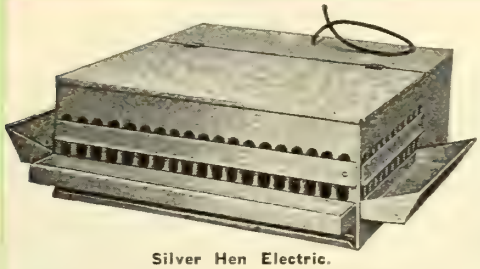
Inside dimensions 18x22 inches; 7½ inches high, with inside head room of 6 inches. 15 feed holes, 5 water holes. Ample feed and water capacity. Ample ventilation through top holes, which may be covered when desired. Legs come with the brooder, although their use is not generally recommended, and the illustration does not show them. Brooder can be set up in five minutes. All sides slide together, and are held by end pieces, bolted at the bottom. End pieces also provide base on which a high grade mesh floor is placed.

Brooder comes complete with extension cord for attachment to socket. May be used either with heating element or heat globe, which must be provided extra. Shipping Weight 12 lbs.

LITTLE MOTHER BROODER, Each, F. O. B. Dallas	$3.50
Violet Heat Bulbs, F. O. B. Dallas,	Each 50c; Dozen 5.80
Heating Element, illustrated page 55, F. O. B. Dallas	Each 60c; Dozen 7.20



Magnolia Silver Hen Brooder



Silver Hen Electric.

This brooder will take care of your chicks with greater ease than any similar brooder on the market.

It is the result of some years of experimenting and the last word in brooder efficiency.

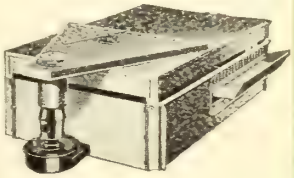
There is a heavy, well braced dropping pan under the finest wire screen, rust-proof floor we can secure. The feed holes are four inches long, with full turned edges and are fully adjustable so chicks, even the smallest, spryest leghorns, cannot escape. The adjusting slides perform double duty, as they support the feed and water pans and conveniently elevate them as needed. Feed pans are big, non-wasting. There is a chick exit in one side. The cover is handily hinged, and the back part bolts to the side walls. Built of heavy, prime galvanized steel throughout.

This brooder will care for 80 day old chicks, but the quantity placed in the brooder should be reduced regularly, as the chicks grow.

A rack for six units is available at moderate cost and makes up a reasonably satisfactory battery brooder. Inside dimensions, 24x30 inches.

Electrical equipment for 110 volt current includes thermostatic control and strip element, 10 feet cord and plug. Bulb type comes with 10 feet of cord and plug, but without bulb. Lamp heated equipment is slightly different in construction, being adjustable as to head size, and is thermostatically controlled.

No.	Type	Shipping Weight	F.O.B. Dallas Price
C2-1330	STRIP ELEMENT ELECTRIC	34 lbs.	$ 8.50
C2-1335	BULB HEATED ELECTRIC	31 lbs.	6.75
C2-1430	OIL HEATED	44 lbs.	8.75
C2-16	RACK FOR 6 SILVER HENS	83 lbs.	10.00
	VIOLET HEAT BULBS FOR BROODER	Postpaid, Each 55c; Dozen	5.95
	HEATING ELEMENTS (see page 55)	Postpaid, Each 65c; Dozen	7.35



Back View—Oil Heated Silver Hen.

Finishing Battery.

Finishing Battery

A battery designed especially for the commercial broiler producer, to raise chicks from five weeks to eight or ten weeks or older. Should not be used for handling young chicks.

It may be rolled through the ordinary door and can be stripped in a few minutes to a skeleton frame work for thorough cleaning. Being a moderate size it insures better ventilation. Its construction is so sturdy it overcomes the difficulties usually experienced with Battery Brooders in the way of leaning one way or another. Dropping pans are standard two-piece steel. Both halves pull out together from front and are instantly detachable. Two pans 26x21 inches are naturally much more convenient to handle than one large pan 26x42 inches, and of course far less likely to buckle under continuous handling. Floors are of heavy ¾-inch mesh over a steel rod frame. Tinned after fabrication. A battery must have good floors, and all of our batteries do have good floors.

The front and side grids swing outward so that fowls may be removed at will from any side. Head room is 13 inches.

It handles about 25 birds per section to 2-lb. weight. 40 inches of feeders and 26 inches waterers per section are quite sufficient for this number. Feeders adjustable, upward or downward, which avoids feed waste.

Floor area 26x41 inches, or 1066 square inches. Capacity 100 2-lb. broilers, height 71 inches, width 32 inches, length 46 inches, shipping weight 210 lbs.

No. P4-44—4 SECTION FINISHING BATTERY, F. O. B. Dallas $33.00

AN OUTSTANDING LEADER

1935 Anniversary Oil-O-Stat

Each year the Oil-O-Stats have been improved—even when it seemed almost impossible that further improvement could be made. This year their operation has been made much more quiet, by an improved baffle plate. The deflector has been mounted in lugs on the legs and a superior, extremely easy method of cleaning the burner inlet has been provided.

The heater is heavy blued steel, mounted on sturdy cast iron legs. Top is domed to stiffen and improve appearance. Canopy is a sturdy hexagon of embossed galvanized steel, mounted into a ring die drawn of heavy steel. Five feet of flexible copper tubing between valve and nine gallon tank and ample overflow piping.

Overflow tube runs from valve, just below the sight feed opening, into the overflow pipe below. If by any chance the oil inlet pipe should clog at the burner, the oil, instead of backing up and flowing from the sight feed opening to the floor, will pass down the tube and on out the overflow.

Heat deflecting shield and burner drip pan combined, when turned partially around to a notch cut into its edge, passes the lug on one leg and the shield will drop to the floor, thereby exposing the underside of the burner for easy cleaning. Drain plug can be removed from the sediment trap at the inlet and the trap emptied. Having cleaned out the inlet pipe itself, the parts can be quickly reassembled and the job finished in five minutes with no muss or fuss.

This brooder overcomes the hazard present in practically all types of gravity fed oil burning brooders. In comparing drum type brooder values, it does not suffice to check drum diameters. Drum depth is just as important and perhaps more so. This model is of 18-inch diameter and nearly 14½ inches deep. In actual brooding ability, it is equal to some having drums of 24-inch diameter at the top and 9 inches or 10 inches at the bottom.

As always, the Anniversary burner is easily cleaned—no need to even lift the top door.

This is the most practical drum type brooder on the market. There are hundreds of them in use all over Texas and the southwest.

Stock No.	Canopy Size	Day Old Chick Capacity	Actual Chick Capacity	Ship. Wt.	F.O.B. Dallas
A5-2130	30-inch	600	300	51 lbs.	$13.75
A5-2145	45-inch	600	300	55 lbs.	15.75
A5-2155	55-inch	1000	500	60 lbs.	16.95

Magnolia Ker-O-Stat Brooder

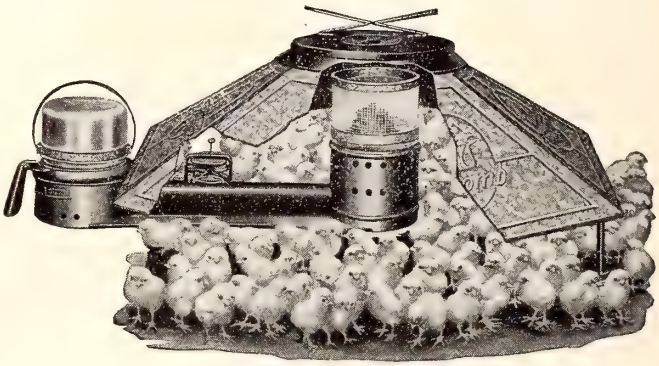
ENTIRELY AUTOMATIC BLUE FLAME BROODER

This brooder has an automatic pilot light with thermostatic control offering complete automatic operation with no danger of flame going out. On warm days, only the pilot light burns, but it will relight the burner the minute outside temperature drops. Burner completely guarded by heavy steel shell with steel burner shield and heat diffuser. A drip pan below the burner catches any oil that might overflow and protects the floor from the burner's heat. High quality wire-woven asbestos lighting ring makes it possible to light the Ker-O-Stat without dangerous gasoline priming.

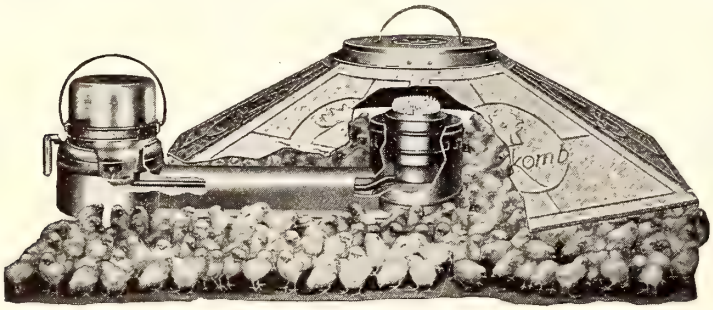
The ⅜-inch oil pipe line is a solid, one piece brazed unit, including the reservoir, connecting pipe and burner bowl. A drain plug at one end and two-way feed into the burner bowl gives safety from clogging.

This brooder is simple, positive and sturdy and you will be entirely pleased with it.

Canopy Size	Burner Size	Chick Capacity	Shipping Weight	Heater Only	Canopy Only	F. O. B. Dallas Complete
45-inch	3½-inch	300	47 lbs.	$ 9.00	$3.75	$11.25
55-inch	5- inch	500	53 lbs.	10.45	4.40	12.25



Magnolia Ker-O-Stat Brooder.



Magnolia Simplicity Brooder.

Magnolia Simplicity Brooder

A SPLENDID VALUE AT THE PRICE.

This brooder is simple to operate, very sturdy and durable. It maintains the flame at the point set, without valves, floats, or sliding joints. A ⅜-inch oil pipe line, with cleanout plug at end, is brazed from one end to the other to make it permanently leakproof.

Wire weave lighting ring eliminates bother and danger from gasoline priming. The "Never-Out" pilot light permits brooder to be turned off during warm days and started again at night without relighting. The heat deflecting shield protects the floor. A die drawn steel body, finished in lustrous enamel encloses and protects all parts of the 45 and 55-inch brooders; the 32-inch brooder is a smaller frame, without the steel body.

Canopy Size	Chick Capacity	Shipping Weight	Heater Only	Canopy Only	Complete
32-inch	200	31 lbs.	$5.00	$3.00	$ 7.95
45-inch	300	40 lbs.	6.25	4.00	9.75
55-inch	500	49 lbs.	7.25	4.25	10.75

Prices, F. O. B. Dallas.

Lighting Rings (be sure to state size wanted), each	$ .15
Pilot Wicks, each	.15
Oil Reservoir	1.25
Bail for Reservoir	.30
Oil Valve for Reservoir	.40
Band for Reservoir	.30

Square Brand seeds are gathered into our Dallas warehouses from the four corners of the world—wherever the **best** of a particular variety of seed is grown. They are later reshipped to all parts of the Southwest.

Authorized Square Brand seed dealers who appreciate seed quality and desire to serve their community honestly and efficiently, are being appointed wherever we find men of this caliber. You are safe in buying from an Authorized Square Brand seed dealer, for he will have only Square Brand garden seeds. He will display posters in his store, stating he is the Authorized Square Brand seed dealer—your assurance of QUALITY and VALUE.

Plant the Best This Year—for Good Crops.

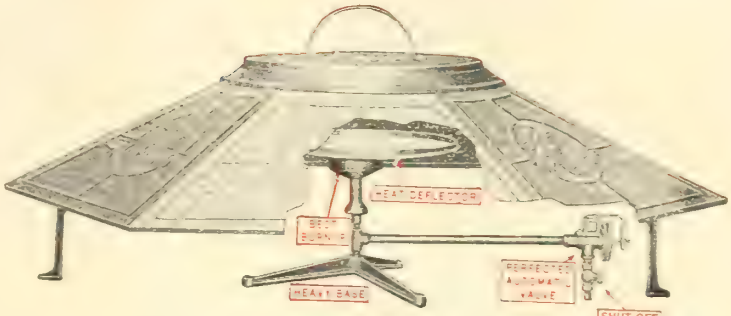
Magnolia Gas Brooder

Where gas is available at reasonable cost this brooder is among the most satisfactory of all brooders. It does the job with remarkably little attention.

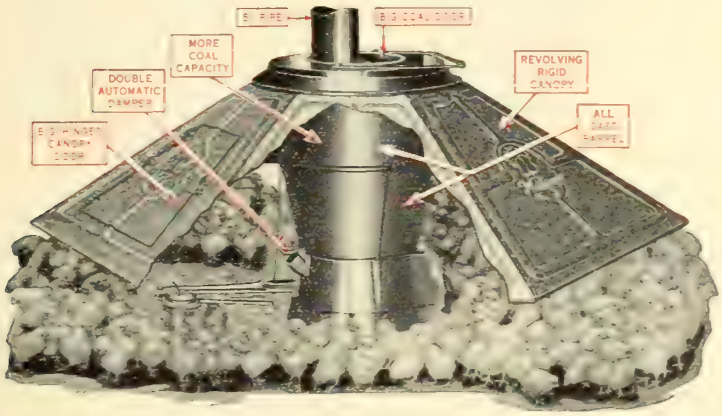
The cast iron burner has an adjustable air shutter. Each brooder is equipped with two machined brass burner orifices, one for natural and the other for artificial gas. You can, therefore, burn either gas satisfactorily.

The automatic valve is one of the finest ever offered the poultry industry. The body is an alloy die casting, the valve stem carefully machined brass and the action extremely smooth. This cannot leak, has pilot adjustment with screw cap and is ideal for use on gas burning brooders.

The improved canopy is a rigid Hexagon with heavy steel ring, adjustable ventilator and sturdy legs. A cast iron tripod base firmly supports the burner and the heat deflector bolted to it. This brooder gives you a perfect gas installation.



Prices, F. O. B. Dallas.	Chick Capacity	Shipping Weight	Price Each
29-in. Gas Brooder Automatic	150	22 lbs.	$ 7.95
45-in. Gas Brooder Automatic	250	25 lbs.	9.50
55-in. Gas Brooder Automatic	500	32 lbs.	10.95
Automatic Gas Valve, only		2 lbs.	3.10



Magnolia Standard Coal Brooder.

Standard Coal Brooder

AN UNEXCELLED VALUE.

The large oversized barrels give increased radiating surface, and improved appearance. Lower damper, offset in cage, prevents possibility of ashes dropping on floor. New hexagonal canopy, of greater strength, with ring of heavy drawn steel, can be turned to any position. Big hinged door is provided in one section. The large Coal Door on top permits coaling direct from the scuttle. Shaker and Thermostat adjustment are easily accessible, through the revolving canopy.

The exclusive and unusual damper action makes the Standard remarkably dependable in operation. When the stove is forced, the lower damper is wide open to admit air under grates, while the upper check damper is closed. The check damper consists of two dampers cast together, operating as a unit. When the Automatic Control brings the check damper into operation, it works in two ways. The inner check damper rises into the flue opening and obstructs the draft, while the outer check damper opens to admit a checking flow of air above the fire and directly into the flue. This unusual design produces a positive checking action.

F.O.B. Dallas

	Chick Capacity	Coal Capacity	Shipping Weight	Price Each
56-in. Standard	600	56 lbs.	103 lbs.	$16.50
65-in. Standard	800	60 lbs.	112 lbs.	17.25

Magnolia Hen Batteries Have Proved Their Value

ADVANTAGES OF HEN BATTERIES.

1. Automatic Culling.
2. Absolutely accurate and convenient records.
3. Decreased mortality as a result of the elimination of pick-out, disease, worms, vermin and predatory birds and animals.
4. Quality eggs. With the scientific feeding possible today first grade, clean eggs are assured through battery use.
5. Reduced feed cost.

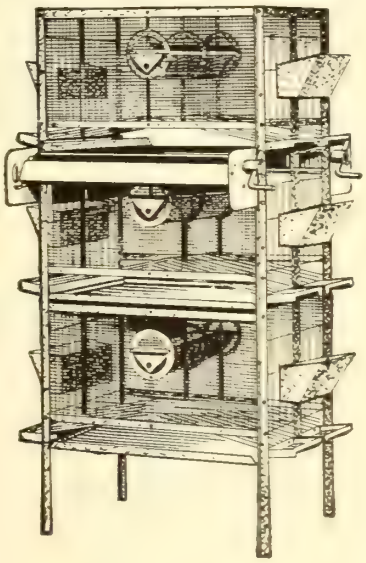
ADVANTAGES OF MAGNOLIA HEN BATTERIES

1. Produced by the Makomb factory after extensive Century of Progress tests.
2. Built to last—they get hard service and these batteries "take it".
3. Built for convenience and speed. A time and labor saver.
4. Easily cleaned—a most vital consideration in battery brooding since absolute sanitation must be maintained.
5. Good equipment for good hens. Equipment you are proud to show your customers.

1935 IMPROVEMENTS

1. The corner posts are "T" shaped and twice as strong as the former angle posts, as well as better looking.
2. The lower half of the doors is galvanized steel and bent inward so droppings cannot get out onto the floor.
3. Floors and doors are so proportioned and installed that hens cannot reach and break the eggs.
4. New feeders, much longer and larger, with shell compartment in center, and non-wasting wires, are standard equipment.
5. The corner posts and side sections are assembled at the factory after the fashion of the chick batteries, insuring quick, easy erection.
6. A new, very simple and non-clogging overflow take off for the water pans consists of a 2-inch upright tube mounted at the battery corner, with three open troughs leading from the water pans.
7. The doors are hung so they may be easily removed, yet are firmly held when the feed pan is in place.
8. Careful re-designing has simplified the design and reduced the number of parts while securing greater strength and utility.

Each compartment is 18 inches long, 17½ inches high, 12 inches wide. Each 12 hen unit is 24 inches wide, 39 inches deep, 70 inches high. Automatic running water system and self-cleaning belts are supplied for the 72 hen size only. 12 Hen battery carried in Dallas stock. Larger sizes will be shipped direct from factory.



No.	Size	Shipping Wt.		Price Each
P5-112	12 hens	101 lbs.	F. O. B. Dallas	$ 21.75
P5-136	36 hens	346 lbs.	F. O. B. Factory	56.50
P5-172	72 hens	580 lbs.	F. O. B. Factory	112.00

Magnolia Shipping Box

MAGNOLIA BOXES help you to build permanent customers by pleasing your customer at first sight, and by protecting your chicks so that they are in good condition when received.

Our box is printed in 2 colors — corners are slotted so as to make assembly more attractive; partitions are scored so that they turn in one direction on one side, and in the reverse direction on the other; partitions are punched for more satisfactory ventilation; top of box contains four holes in the center for better ventilation; and insides are slightly scored where partitions attach to box, for increased ease and speed in setting up.

The boxes are made of high grade, strong corrugated board, weather-proofed kraft outside and blue chip liner. All holes semi-punched, permitting complete control of ventilation.

All boxes wrapped 25 to the bundle, without staples. We do not break bundles.

Delivered to Destination in 100 lb. Shipments, Less Amounts F. O. B. Dallas.

Size	Shpg. Wt. Per Bdle.	Up to 100 Each	100 to 500 Each
100 Chick Standard 22x18x5½	54 lbs	$ .18	$ .16
50 Chick Standard 18x11x5½	32 lbs.	.12½	.11
25 Chick Standard 12x 9x5½	20 lbs.	.08¾	.07¼
100 Chick Hot Weather 24x18x6	64 lbs.	.20	.18
50 Chick Hot Weather 18x12x6	36 lbs.	.13	.11½

WRITE FOR PRICES IN LARGER QUANTITIES

New Stickless-Stapleless Chick Boxes

TIME-SAVERS—MONEY-SAVERS—SPACE SAVERS

Its design enables you to set up the entire box in just about one-third the time it takes to set up, staple and glue sticks on the standard types of box. The **only** box on the market which cares for every requirement of postal authorities, without staples or sticks.

THESE ARE REAL FACTS ABOUT THIS BOX:

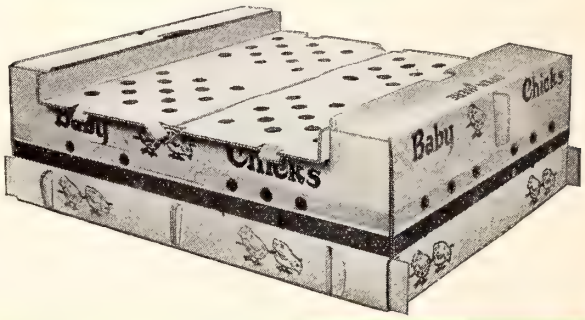
1. **Extra Strength**—due to double thickness at all corners.
2. **Positive Ventilation**—because of unique punching arrangement.
3. **Greater Separation of Boxes**—because of end turrets.
4. **Protecting Extensions**—further insurance against shipping troubles.
5. **Easier Packing**—due to lid arrangement you have absolute control of box contents. Simply slide cardboard size of one-half of box under lid turning end lip of lid down instead of up and you can limit opening to room for one chick, if desired.

Outside measurements same as Magnolia Shipping Boxes, but turret ends are 2 inches higher.

Prices f. o. b. Dallas, freight allowed to destination in 100 lb. shipments. Packed 25 to bundle. No bundles broken.

	Shipping Weight	Up to 100 Each	100 to 500 Each
100 Chick Standard	64 lbs.	$ .19½	$ .17½
50 Chick Standard	40 lbs.	.13½	.12
25 Chick Standard	26 lbs.	.09½	.08
100 Chick Summer	74 lbs.	.21½	.19½
50 Chick Summer	44 lbs.	.14	.12½

WRITE FOR PRICES IN LARGER QUANTITIES.



15 Chick Bags

These bags are made of tough paper, 12x14 inches in size and make an ideal bag for carrying baby chicks in quantities of from 1 to 15. The bags are ventilated, have slotted hand holds, and are economical on small deliveries. Packed 250 to the bundle. Weigh 15 pounds per bundle. **Prices F. O. B. Dallas; Less than 250, $1.50 per 100; 250 to 1,000, $1.35 per bundle of 250; 1,000 and over, $12.00 per thousand.**

Magnolia Custom Hatch Box

FOR OVER-THE-COUNTER DELIVERY

A time and money saver. Can be set up without any loss of time. Made of heavy grade cardboard, sides punched. Slotted for setting up. Just crease and slip in slots and the box is ready for use. Telescope top holds absolutely rigid. Wrapped 100 to the bundle. We do not break bundles.

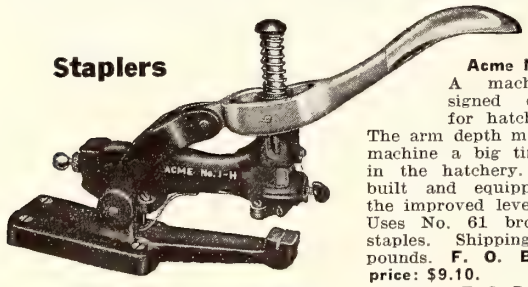
Size	Shipping Weight Per 100	F.O.B. Dallas Prices 100 to 500	500 and Over
25 Chick—11x9x5	41 lbs.	$3.75 per 100	$3.50 per 100
50 Chick—18x11x5	72 lbs.	5.75 per 100	5.50 per 100

Chick Box Supplies

	Shipping Weight	F. O. B. Dallas
Ventilating Punch	1 lb.	$ .25 each
Hatchery Glue, 1 gal.	12 lbs.	.85 gal.
Hatchery Glue, 5 gal.	60 lbs.	2.75 can
Sisal Twine, hard twist, 2-ply, 10-lb. balls	10 lbs.	.25 lb.
Jute Twine, 4-ply, ½ lb. balls	½ lb.	.35 lb.
2-in. Paper Sealing Tape, 600-ft. to roll	3 lbs.	.50 roll
Ventilating Strips, Bags of 1,000	100 lbs	2.60 bag
Wood Wool, Fine Pine	100 lbs.	2.65 cwt.
Wood Wool, Medium Pine	100 lbs.	1.95 cwt.
Wood Wool, Cottonwood	100 lbs.	3.50 cwt.

Wood Wool Pads—	9x12	9x11
50 to bale	.47 bale	.42½ bale
20 bales or more, weight per bale, 7 lbs.	.44 bale	.40 bale

Staplers



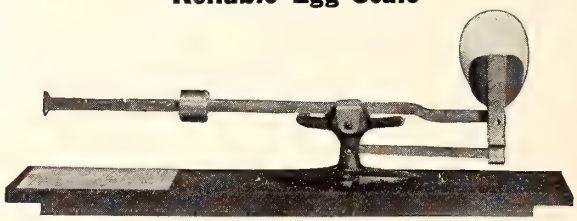
Acme No. 1-H

A machine designed especially for hatchery use. The arm depth makes this machine a big time saver in the hatchery. Sturdily built and equipped with the improved lever action. Uses No. 61 broad wire staples. Shipping wt. 8 pounds. **F. O. B. Dallas price: $9.10.**

Staples

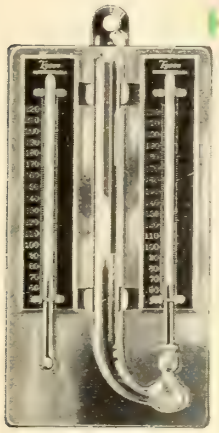
No.	Leg	Packed	F. O. B. Dallas 1 to 5 Boxes Per Box	5 Boxes and up Per Box
XX	5/16-in.	5,000 to box (Cohered)	$1.55	$1.50
61	3/8-in.	5,000 to box (Cohered)	1.75	1.65
TIN HAND STAPLES, 1,000 to box			.80	.75
STAPLE TOOL, tin hand staple guide				Each .35

Reliable Egg Scale



Under the code it is necessary for eggs set by hatcheries to weigh not less than one and five-sixths ounce per egg, and twenty-three ounces per dozen eggs. The Reliable Egg Scale is the most suitable for hatchery use because of its speed as well as efficiency. Being a beam type there are no loose weights to become lost. Its knife edge steel bearings insure accurate and rapid weighing. Wooden base is 12¾x2⅝ inches and fits on the egg case. Cast iron stand supports brass beam on a steel knife edge with brass weight arranged so that it cannot come off of the beam. The accuracy of this scale is indisputable. **Postpaid price** **$1.75**

Hatchery, Incubator and Brooder Supplies



Hygrometer.

Special Hatchery Hygrometer

A splendid and scientific device for determining moisture in an incubator. Has metal moisture-proof back. A most practical instrument for determining moisture content of large area, such as the Mammoth incubator. The manufacturers guarantee its absorbent accuracy for the purpose intended.

Each, postpaid $4.50
Extra Wicks, per dozen ..... .75
Extra Reservoir, postpaid ..... .45

Wake-O Temperature Alarm

This alarm gives a continuous signal when the temperature rises or drops beyond the point at which the controlling contacts are set. Can be adjusted to any desired range of temperature, permitting the use of the signal in many other places than incubators and brooders. Accurate and dependable. Once the contact screws are set, the device requires no further adjustment.

This affords good fire insurance. Should fire break out in or near the incubator or brooder, warning is given immediately by the ringing of the bell.

Each alarm is furnished with bell, switch, ½-pound of wire, insulated staples and screws. Standard dry cell is not furnished.

Wake-O Temperature Alarm, F. O. B. Dallas...$3.75

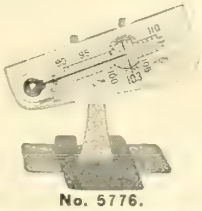
Incubator, Brooder, Room Thermometers

No. 5776—Genuine Tycos Incubator Thermometer. Black graduations on white scale make this thermometer easy to read. Scale ranges from 90 to 110 Fahrenheit. **Each, postpaid, 75c.**

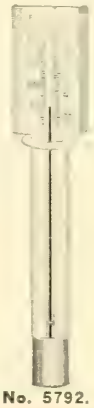
No. T-5792—S A Tycos Brooder Thermometer for insertion through hole in canopy type brooder. The bulb is in the actual brooder temperature and the scale outside for easy reading. Thermometer well protected against breakage. **Each, postpaid, 65c; per dozen, $7.20.**

No. T-5794—S A Brooder and Home Thermometer to be hung under the canopy. A white enameled surface with black figures. Temperature range 25 to 135. **Each, postpaid, 60c; per dozen, $6.50.**

No. 5794.



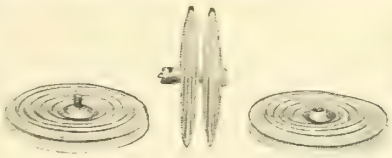
No. 5776.



No. 5792.

Double-Unit Wafer Thermostats

We carry varieties shown below in Dallas stock. If the kind you need is not shown, send in your old wafer for replacement at prices listed below. These are made of the finest materials and are sensitive and accurate.



3-INCH—5-16 inch Coal Brooder post one side, plain other side; 5-16 inch C. B. post one side, cup other side; 5-16 inch Screw Post one side, plain other side; 5-16 inch screw post one side, cup post other side; 5-16 inch screw post one side, plain post other side.

4-INCH—Plain post both sides (Buckeye Mammoth); one-inch screw post one side, cup post other side (Wishbone); one-inch plain post one side, short plain post other side (Queen); 5-16 inch screw post one side, cup post other side (Newton and Blue Hen).

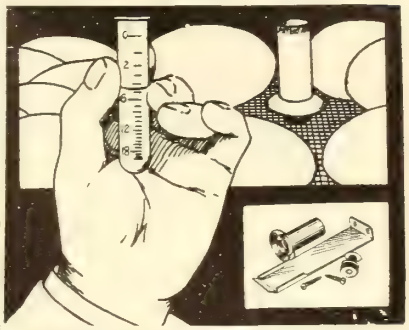
5-INCH—5-16 inch screw post one side, cup post other side; 5-16 inch screw post one side, other side plain; incubator button one side, plain other side.

	Each	Doz.
3-inch Wafers—Postpaid	$..30	$3.30
4-inch Wafers—Postpaid	.40	4.50
5-inch Wafers—Postpaid	.50	5.50

Patterson & Young Moisture Guide

This moisture guide solves the moisture problem with smaller incubators.

The holder is fastened to the egg tray and the guide is filled with water to the top line. The graduated scale shows how much moisture should evaporate from the egg each day. If evaporation is too fast, moisture should be added; if too slow, more air should be given. Full directions come with each guide. Attachments are included for all turning trays. Every owner of a small incubator should have this moisture guide. **Each, postpaid** $1.00
Tubes for Moisture Guide, postpaid 65c



Patterson and Young Moisture Guide.

Lamps---Complete

	Each
No. 1—With sun-hinged burner and chimney	$1.20
With chimneyless burner	1.05
No. 2—With sun-hinged burner and chimney	1.40
With chimneyless burner	1.30
No. 3—With sun-hinged burner and chimney	1.65
With chimneyless burner	1.80

All Prices F. O. B. Dallas.

Chimneyless Lamp Burner

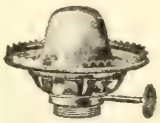
A "No-Chimney" burner for incubators, brooders, fountain heaters, etc. Perfect combustion without chimney. 12 in box.

	Each
No. 1—Wick, ⅝. Weight, dozen, 2 lbs..	$ .45
No. 2—Wick, ⅞. Weight, dozen, 4 lbs..	.65
No. 3—Wick, 1½. Weight, dozen, 5 lbs..	1.00

F. O. B. Dallas.

Chimneyless Lamp Burner.

"Sun" Hinged Lamp Burners



"Sun" Hinged Lamp Burner.

For incubators and brooders. So designed that perfect combustion is insured. Easily cleaned and trimmed. Packed 12 in box.

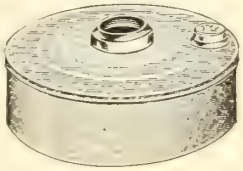
	Each
Size 1—Wick, ⅝. Weight, dozen, 3 lbs...	$ .35
Size 2—Wick, ⅞. Weight, dozen, 4 lbs...	.45
Size 3—Wick, 1½. Weight, dozen, 5 lbs...	.60
Size 3—Double Wick, 1½. Weight, dozen, 5 lbs.: **F. O. B. Dallas**	.75

Lamp Bowls

Heavy galvanized iron bowls. No give or spring to top, a common fault with ordinary bowls.

	Each
No. 100—Size 1 burner, 1½x6 in.	$ .55
No. 101—Size 2 burner, 2¼x6¾ in.	.65
No. 102—Size 3 burner, 2¾x8 in.	.80

F. O. B. Dallas.



Metal Lamp Chimney

Made of sheet steel with round mica window. Mica easily replaced if it should be accidently broken. Made in three sizes to fit Nos. 1, 2 and 3 burners. **Each, F. O. B Dallas** 25c

Red Felt Lamp Wicks

High grade felt wicks. A big improvement over loosely-woven cotton wicks. No loose threads to burn uneven and smoke. Packed 1 dozen in a bundle.

	F. O. B. Dallas—Each	Per Doz.
No. 1—Width, ⅝; for burner No. 1	$ .03	$ .30
No. 2—Width, ⅞; for burner No. 2	.05	.45
No. 3—Width, 1½; for burner No. 3	.05	.55

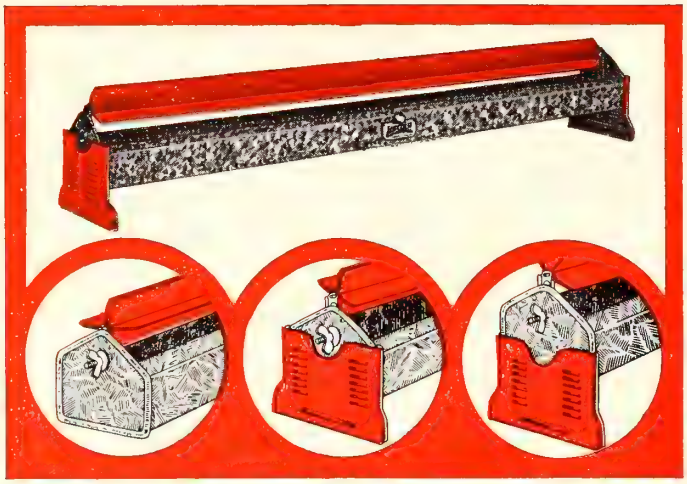
Heating Element for Small Brooders

May be used in Battery brooders instead of bulb. Puts out more heat and uses very little more electricity. 110 volt. Can furnish in heaters.

	Each	Dozen
60-watt or 600-watt—the latter being used principally for small room		
A- 60— 60-watt heating element. **Postpaid**	$ .65	$7.35
A-600—600-watt heating element. **Postpaid**	.65	7.35

See page 59 for round heating element, and page 51 for Violet heat bulbs.

Why Magnolia Adjustable Reel Feeder Leads!



This chick feeder was the first feeder having full adjustable reel and legs adjustable to practically any desired height. Fully protected by patents. Note these features:

First: It is absolutely free from sharp edges, making it easy to handle and keep clean.

Second: Troughs are shaped to prevent waste of feed and are water tight.

Third: Ends are seamed to the trough, eliminating spot welds.

Fourth: Edges of ends are rolled leaving them perfectly smooth.

Fifth: Legs are made of heavy galvanized iron and can be adjusted to any desired position.

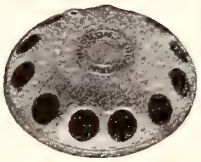
Sixth: Large four fin reel, revolves on case hardened pins and can be adjusted to any position by means of slides and wing nuts.

Seventh: Bolts and wing nuts that hold the reel slide in position are Parkerized rust proof.

Note adjustments illustrated in picture. First adjustment, with legs removed, for starting baby chicks. Second, reel adjusted and legs adjusted low for chicks two to four weeks old. Finally reel adjusted high and legs adjusted high, for chicks to broiler size. Considering its use and durability this feeder is the outstanding, most economic feeder on the market today.

Stock No.	Size	Shipping Weight	F. O. B. Dallas Price Each
140	24 Inch	3 Pounds	$ .65
142	36 Inch	4 Pounds	.85
143	48 Inch	6 Pounds	1.10

Round Chick Feeders



GALVANIZED

No.	Holes	Shpg. Wt. Lbs.	F.O.B. Dallas Ea.
G- 8	8	2	12c
G-12	12	3	18c

CHARCOAL TIN

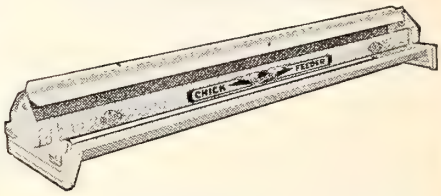
T- 8	8	2	15c
T-12	12	3	23c

Leader Chick Feeder

GALVANIZED

No.	Length	No. of Holes	Shipping Weight	F.O.B. Dallas Each
520	13 in.	16	1 lb.	$ .12
521	23 in.	32	2 lbs.	.25

Klondike Reel Feeders



Utility, combined with beauty. Water-tight, sanitary and efficient. Made of high grade galvanized or charcoal tin. DeLuxe Model reels painted red, bases painted red and green. Utility Model reels painted green.

Klondike DeLuxe Feeders

(With Base)

No.	Size	Metal	Weight	Price
28	28 inches	Galvanized	6 lbs.	$1.00
48	48 inches	Galvanized	8 lbs.	1.50
24	28 inches	Charcoal Tin	6 lbs.	1.25

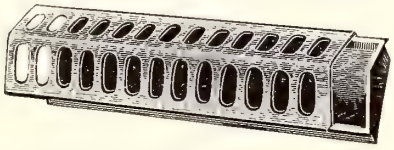
Klondike Utility Feeders

(Without Base)

No.	Size	Metal	Weight	Price
10	12 inches	Galvanized	2 lbs.	$ .25
20	24 inches	Galvanized	3 lbs.	.50
46	48 inches	Galvanized	4½ lbs.	.85
22	28 inches	Charcoal Tin	3 lbs.	.75

Prices F. O. B. Dallas.

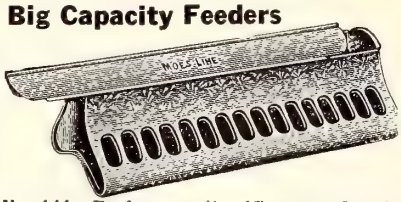
Double Feeding Troughs



For chicks and growing stock. Easy to fill and clean.

No.	Length	No. of Holes	Shipping Weight	F.O.B. Dallas Each
59	18 in.	26	3 lbs.	.35
60	24 in.	36	4 lbs.	.45

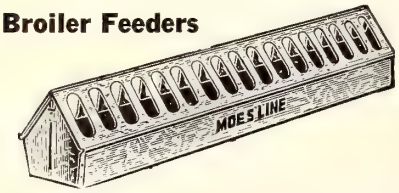
Big Capacity Feeders



No. 141—Feeder capacity, 17 quarts; length, 35 inches; width, 8½ inches; height, 7 inches. 27 openings on each side, so that 54 chicks can feed at one time. Packed one in carton Shipping weight, 8 lbs. **Each, F. O. B. Dallas** $1.45

No. 148—Extra hopper to fit No. 141, increasing capacity to 25 quarts. Shipping weight, 4 lbs. **Each, F. O. B. Dallas**.... 15c

Broiler Feeders



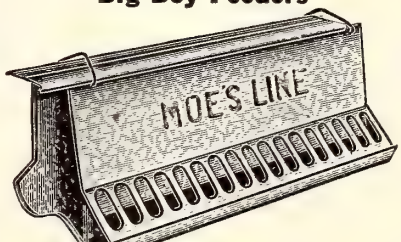
This feeder is intended for growing fowls and full grown birds. Made of galvanized steel or charcoal tin, with slotted hinged covers, easy to fill and clean. Feeder holes are exactly the right size and shape to give easy access to the feed and prevent waste.

Length of feeder, 32 inches; width, 8 inches; depth of pan, 3½ inches; total height, 7 inches; capacity, 12 quarts of feed. 34 feeder holes, 17 on each side. Packed 6 in a carton. Shipping weight (six), 27 lbs.

No. 154—Galvanized. **Each, F. O. B. Dallas** $1.15

No. 155—Charcoal Tin. **Each, F. O. B. Dallas** 1.65

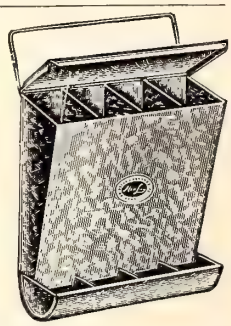
Big Boy Feeders



For growing stock, three to four-week-old chicks, and up to full-grown mature fowls. Makes an excellent feeder for turkeys. Holds about 75 lbs. or 65 qts. of dry mash, with 17 openings on each side, or a total of 34 openings. Length 33 inches, width 16½ inches, height 14 inches. One in a carton.

No. 160—Moe's Big Boy Feeder, with sliding cover. Shipping weight 16 lbs. **Price each, F. O. B. Dallas**..... $2.75

Grit and Shell Boxes



Feeding of grit, ground shells and charcoal is now recognized as an essential part of the diet to keep fowls in healthy, prime condition.

Our boxes are exceptionally economical and practical.

No. 45 — For baby chicks, 2 compartments. Height 8 in., width 5 in., weight 2 lbs. **Each, F. O. B. Dallas**..... 40c

No. 9—3-compartment. Height 13 in. width 8½ in., weight 4 lbs. **Each, F. O. B. Dallas** 75c

No. 90—4-compartment. Height 13 in., width 11 in., weight 5 lbs. **Each, F. O. B. Dallas** 95c

Adjustable Leg Feeders

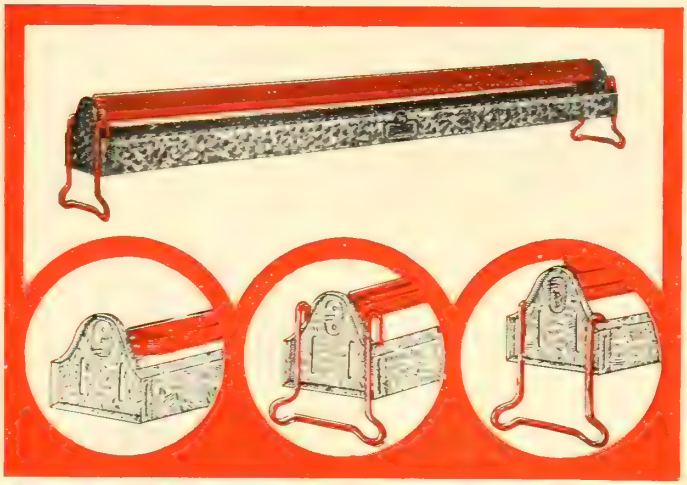
This feeder has been designed to include all of the features and provide for the sanitary conditions that heretofore have been available only in the Magnolia Adjustable Reel Feeder, but at the same time sell for considerably lower prices.

The ends are rigidly seamed to the trough which is shaped with wide inturned lips to prevent waste of feed. The large four fin reel is adjustable to any size desired. Wire legs enable you to adjust the trough to any desired height to care for chicks from baby to broiler size. Reel and legs are finished in bright red baked enamel.

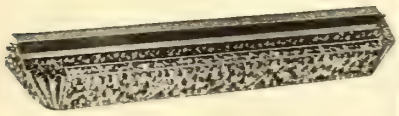
This feeder is secondary only to the Magnolia Adjustable Reel Feeder. Durability considered, we believe the Magnolia Adjustable to be more economical, but the first cost of this feeder is considerably less.

Insets illustrate three adjustments of reel and legs; the first adjustment for starting baby chicks, the second for chicks from two to four weeks old and the third for chicks up to the broiler size.

Stock No.	Size	Shipping Wt.	Price Each F. O. B. Dallas
410	24 inch	2½ lbs.	$ .50
420	36 inch	3 lbs.	.65
430	48 inch	4 lbs.	.80



Economy Feeders

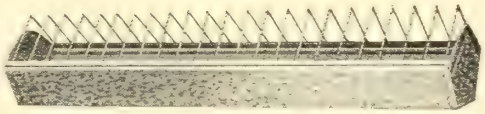


One piece trough with "Z" shaped reel. A quality feeder at very low prices.

Stock No.	Size	Shipping Weight	Price Each F. O. B. Dallas
70	10 inch	1 lb.	$ .10
71	15 inch	1½ lb.	.15

Magnolia Grill Feeder For Growing Chicks

These big capacity feeders save time and feed and they are remarkably low priced. The trough of heavy galvanized steel is 6¾ inches wide and 3⅛ inches deep, with edge full rolled for strength. The die drawn ends are securely welded; the wire grid is indestructible and hinges back for filling. Wide edge stops waste.



No.	Length	Packed	Shipping Weight Each	F.O.B. Dallas Price Each
H5-2030	30 inches	6 to carton	4½ lbs.	$ .95
H5-2048	48 inches	6 to carton	6 lbs.	1.25

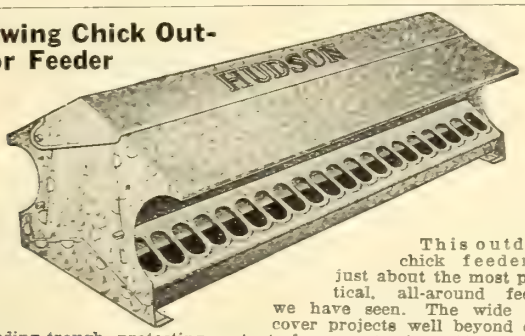
Lincoln Reel Feeder

Z Shaped Reel.

Another very economical and practical feeder which sells at exceptionally low prices. Reel bright red baked enamel. Trough has inturned lip that prevents waste of feed. Ends high and perfectly smooth. Reel may be adjusted to three positions.

Stock No.	Size	Shipping Wt.	Price Each F. O. B. Dallas
41	24 inch	2 lbs.	$ .35
42	36 inch	3 lbs.	.45

Growing Chick Outdoor Feeder

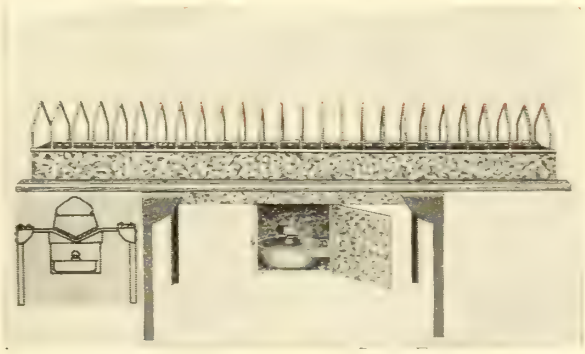


This outdoor chick feeder is just about the most practical, all-around feeder we have seen. The wide rain cover projects well beyond edge of feeding trough, protecting contents from most rains. Side wall of feeder and rain cover are a one-piece construction, and come to you set up, ready for immediate use. A most sturdy feeder, with a pleasing appearance. Dividing partitions form convenient carrying handles. Hinged cover. Grills can be raised and locked in upper position.

No.	Length	Height	Width	Weight	F.O.B. Dallas
CF24W	24 inches	8 inches	11½ inches	9 lbs.	$1.25
CF36W	36 inches	8 inches	11½ inches	13 lbs.	1.50
CF1B	30 inches	12 inches	17 inches	16 lbs.	2.15
Same Feeder Without Rain Cover					
CF21	21 inches	8 inches	11½ inches	6 lbs.	.90
CF36	36 inches	8 inches	11½ inches	8 lbs.	1.50

Improved Long Boy Feeder (or Fount)

This is the ideal flock feeder because of its non-wasting shape, its non-roosting hinged wire grid and its exceptional durability.



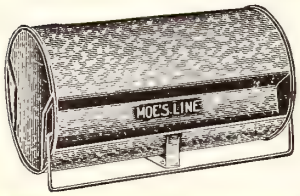
The care you give your flock and the economy of your management determines your success with poultry. Feed is becoming increasingly expensive and the wise poultryman permits no waste of feed. The fact that some other feeder is as long as the Long Boy means nothing. The trough of the Long Boy is 10½ inches wide by 5½ inches deep and its non-wasting shape (as shown in the inset) reduces your feed bill to a minimum, yet provides your flock with ample food so long as any remains in the trough. Fowls prefer this shape since no sharp edges press against their breast. Stand is constructed of heavy angles and channels, strong perches 16 inches above the floor.

Stock No.	Size	Shipping Wt.	F. O. B.	Price
H5-106	5 ft. Feeder	26 lbs.	Dallas	$5.25
H5-108	8 ft. Feeder	40 lbs.	Factory	6.75

Long Boy Fountain is the same as the feeder except that the trough is soldered water tight and equipped with capable lamp heater. Separate trough prevents waste of heat. Big trough stops spilling water on floor.

Stock No.	Size	Shipping Wt.	F. O. B.	Price
H5-100	5 ft. Waterer	32 lbs.	Factory	$7.50

Horizontal Founts



For baby chicks, growing stock and especially fine for pigeons. Water feeds automatically. Conveniently carried. Comes in 1 and 2 gallon sizes:

No.	Length	Shipping Wt.	F. O. B. Dallas
134	6-inch	2 lbs.	30c ea.
135	12-inch	4 lbs.	50c ea.

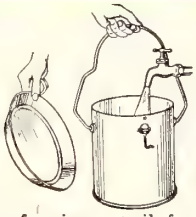
Magnolia Easy Fill Fount

This is a splendid sanitary fount. The pan snaps on easily and snugly over the mouth. Scalloped edge waters all around, yet keeps chicks out of the water. Has a comfortable handle. Built of non-peeling Tite-Cote galvanized steel. Ten cups in the pan.

F. O. B. Dallas.

No.	Capacity	Packed	Shipping Weight Per Carton	Price Each	Price Dozen
G5-15	5 quart	9 to carton	12 lbs.	.55	6.00

Handy Fill Chick Fountain

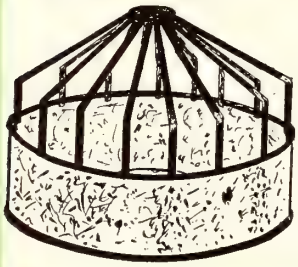


A high grade chick fountain. Holds large supply of water. Easy to clean and fill. Handle is reversible, forming a pail for convenience in filling. Will not overflow. Stands 2 inches high to prevent small chicks from scratching litter into trough. Nested for shipment.

F.O.B. Dallas

No. C-2—2 gal., wt. 4 lbs. $1.20
No. C-3—3 gal., wt. 5 lbs. 1.50

Magnolia Grill Top Water Pan or Feeder

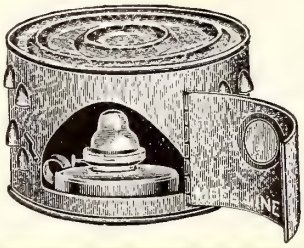


An inexpensive, yet modern, sanitary drinking pan or feeder for grown birds. The heavy wire cone-shaped grill prevents roosting on the pan and keeps birds from getting into the pan. Capacity of pan: 4 gallons; diameter, 15½ in.; depth, 5¼ in.; packed 3 to carton; shipping weight of carton, 21 lbs.

This pan is in especial favor for use with large flocks. May be used with the Magnolia Automatic Fountain, or any satisfactory valve control.

No. 114—Price each, $1.60. Price per dozen, $18.00, F. O. B. Dallas.

Fountain and Brooder Heater



Can be used with all styles of fountains and effectively prevents water from freezing. Solves problem of uniform supply of fresh, clear water at all times, no matter how cold the weather. Is also an excellent heater for small brooders. Lamp fount holds sufficient oil to burn continuously for 7 days. Height, 7 in.; diameter, 11 in.; shipping weight, 6 lbs.

No. 10—Price each, delivered $1.95

Magnolia Automatic Fountain and Trough

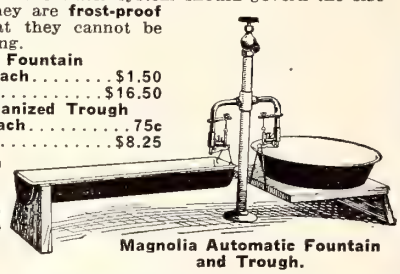
Your water troubles are all over when you install a Magnolia Automatic. There are a quarter of a million now in use and you will hear them praised wherever they are installed. Any kind of pans or crocks may be used with this fountain with the best results. They are operated by gravity and the pressure of the water system should govern the size of the trough. They are **frost-proof** to the extent that they cannot be damaged by freezing.

Magnolia Fountain
Weight, 2 lbs. **Each** $1.50
Dozen $16.50

Magnolia Galvanized Trough
Weight, 4 lbs. **Each** 75c
Dozen $8.25

Magnolia Porcelain Trough
Weight, 6 lbs.
Each $2.50
Dozen $27.50

Prices, F. O. B. Dallas.



Magnolia Automatic Fountain and Trough.

Large Capacity Founts

FLOAT AND VALVE CONTROLLED

Your egg production is dependent upon hens having available at all times, ample water supply. One hundred hens will drink from four to five gallons of water per day and egg production will stop within forty-eight hours if the water supply is cut off. Water should be kept fresh and clean and for that reason, large capacity containers are desirable. When the weather is cold, you must have protection from freezing. Our large capacity founts are most practical for all purposes.

No. B-16
No. B.19

They are made of high grade galvanized rust resisting steel sheets, controlled by an improved adjustable float and valve arrangement, keeping the water at exactly the right level in the drinking pan. Drinking pan has two small round flues coming up to bottom of water container, allowing circulation of warm air and preventing water from getting too warm in the pan. This also prevents water from freezing in the large container. Easily cleaned and can be kept in an absolutely sanitary condition, with a minimum of labor. Lamp has 60-hour capacity.

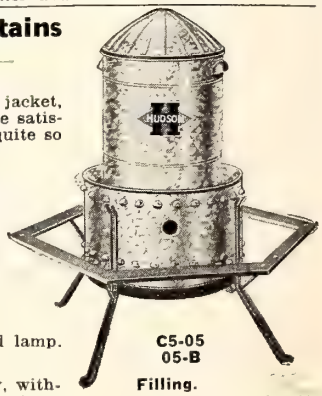
No.	Item	Shipping Weight	F.O.B. Dallas
16	5 Gallon Fount, with heater, without base	14 lbs.	$4.95
B-16	5 Gallon Fount, with heater and base. . . .	27 lbs.	7.35
19	8 Gallon Fount, with heater, without base	17 lbs.	6.50
B-19	8 Gallon Fount, with heater and base. . . .	31 lbs.	8.75

Large Capacity Fountains

VACUUM CONTROLLED—LAMP HEATED

This fountain is of the double jacket, vacuum control type, and is quite satisfactory, although probably not quite so efficient as the float and valve type.

Water feed is automatic. Inner tank may be used for carrying water. Automatic shut-off valve prevents water from running from supply tank, while being filled. Cover locks onto inner jacket so that fountain can be lifted whether cover is in place or has been removed. Fountain is lifted from base to attend lamp. Lamp has 60 hour capacity.



C5-05
05-B
Filling.

No. C-5—5 Gallon Fountain only, without heater or base. Shipping weight, 13 lbs.
F. O. B. Dallas $3.15

No. 05—Fountain with heater but without base. Shipping weight, 15 lbs.
F. O. B. Dallas $4.50

No. 05B—Fountain with heater and base. Shipping weight, 28 lbs.
F. O. B. Dallas $6.75

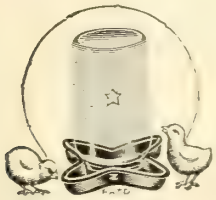
Glass Fount

No. 21 Drinking Saucer is of heavy glass The strong clip into which the jar screws snaps on to the glass dish. Ideal for feeding, water, buttermilk or medicine. (Jar not included). Shipping weight 1 lb. each. **Price, F. O. B. Dallas: 15c each; 3 for . . 40c**

Galvanized Fount

Pan made of high quality rust resisting galvanized steel. The correct drinking space of this pan has made it popular from the standpoint of sanitation. There is ample space for chicks to drink, yet not enough for them to get into the water as is so often found with this type of dish.

No. 20, Galvanized Fount, f. o. b. Dallas, 10c ea.; 3 for 25c



Famous Star Founts

A single piece of heavy, non-rusting metal. No seams, solder or loose parts. Can't leak; chicks can't drown. Fits any Mason jar in 1-pint, 1-quart and 2-quart sizes. Shipping weight, 1 lb.

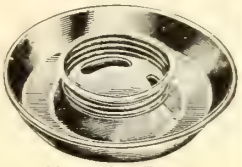
No. 32—(Jar not included.) Price each, 10c; Dozen F. O. B. Dallas $1.00

No. 133—Charcoal Tin. Each, 10c. Dozen F. O. B. Dallas $1.10

Mason Jar Fount

An abundance of water is always in the pan, and yet it will not overflow. Screw cap electrically welded to pan, fits standard Mason jar.

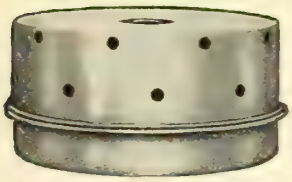
No.	Metal	Shipping Weight	F.O.B.Dallas Each	Doz.
144	Galvanized	1/3 lb.	$ .10	$1.00
143	Charcoal Tin	1/3 lb.	.10	1.20



Mason Jar Fount.

Little Putnam Stoves

BURN A MONTH WITHOUT ATTENTION



A most satisfactory heater for poultry fountains and home-made oat sprouters. May be used under any can, crock or fountain. Plans for making a home-made oat sprouter packed with every stove.

Price delivered to you $2.00

Wicks for above: **Each 3c**

Dozen 20c

Wicks and Holders: **Each . . . 10c**

Read This!

Experiments are now under way which lead us to believe that we have finally solved the problem of an effective flea killer for poultry houses and yards. If you are troubled with these pests, write us. We anticipate that we shall have full information by February 1st at the latest.

Use Pulvex for Fleas

This popular Flea Powder is based on an entirely different flea-killing principle. Its use always kills all the fleas and lice, instead of only stupefying them, allowing them later to revive and reinfest the animal. Pulvex not only kills the fleas and lice but keeps them off for 7 days or longer. Absolutely harmless, even if swallowed; non-irritating to the skin. Pulvex is ideal for cats and birds as well as dogs. Odorless, easy to use, economical. Pulvex will absolutely protect dogs, cats and birds against the discomforts and dangers of fleas.

2-oz. shaker can; postpaid 50c

Reliable Float

Brass automatic float valve. Releases 2½ qts. of water per minute if desired. Opens and shuts off automatically at level wanted. Provides fresh drinking water at all times. May be attached to regular water pipe, barrel or tank; ½-inch and ¼-inch pipe connection. Positively guaranteed. **Postpaid, each $1.00**

Bottom Fill Fount

This is a real bargain and a mighty satisfactory fount. Made of high quality galvanized steel, easy to fill and keep clean. It has an extra deep scalloped drinking pan which prevents crowding and keeps the chicks out of the water. Has a capacity of approximately one gallon. Shipping weight, 2 lbs.

No. 65, Bottom Fill Fount, F. O. B. Dallas, Each 35c

3-Gallon Top-Fill Chick Fount

An improved model which will please the most exacting of poultrymen. The steep cone top has flutes brought out above the edge to prevent roosting. Top is double seamed, as well as soldered and pan is spot welded and soldered to the inner can.

Edges of pan and can are full rolled. There is an inner handle for carrying and a sure acting rubber valve with brass spring to shut off the flow when the outer can is withdrawn to refill. Use this fount for chicks from 1 week to 5 months old. Shipping weight, 6 lbs.

G5-23, 3 Gallon Fount, F. O. B. Dallas, Each $1.50

Electric Heating Elements

The very thing you need for a small brooder. Shaped like a thermostat wafer, 7¾ inches in diameter. Made of the finest non-glowing "Chromel" wire coils in woven asbestos fabric insulation, installed in tight die drawn welded steel housings, approximately 1 inch thick. These elements are virtually one piece units, equipped with necessary lead in wires. For alternating or direct current at 110 volts. 40 watts. Shipping weight, 2 lbs.

EL-1, Electric Heating Elements, F. O. B. Dallas, Each . . . $1.00

Hatchery Fumigants

More and more hatcheries are realizing the value of fumigating incubators at times recommended by the manufacturers. Before fumigating, be sure to get specific instructions from the manufacturer of your particular machine.

FORMALDEHYDE: Pints 45c; quarts 75c; gallon $1.75; 5 gallons $8.00; F. O. B. Dallas.

POTASSIUM PERMANGANATE: 1 lb. 50c; 5 lbs. 38c per lb.; 10 lbs. 35c per lb.; 25 lbs. 32c per lb.; F. O. B. Dallas.

AMMONIA, Double Strength: Quarts 50c; Gallons $1.00; F. O. B. Dallas.

Germo Remedies

CHOLERINE TABLETS—Poultry Iron Tonic. Keep flock strong and healthy. **50 tablets, 50c; 120 tablets, $1.00; postpaid.**

GERMO-CHOLERINE — Poultry Iron Tonic in convenient liquid form. By improving health of your flock, it increases egg production and reduces death loss, both in chicks and older flocks. **16 oz. bottle, 65c; 1 quart bottle, $1.00; ½ gallon bottle, $1.75; 1 gallon, $2.50; postpaid.**

GERMO-FORM—A germicidal liquid spray and counter-irritant for infectious poultry ailments of head, throat and respiratory organs, which, if not relieved may lead to roup. **8 oz. bottle, 50c; 16 oz. bottle, 90c; postpaid.**

Sanitation Control Eliminates Diseases

The surest way to avoid poultry diseases—and thereby poultry losses—is to control the sanitation of your houses—yards—and insect pests on the poultry themselves. The listings below will aid you in keeping your premises clean and sanitary. They will also aid you to overcome the diseases which do attack your flock in the event your sanitation program does not work perfectly—or in the event you bring in diseased stock.

Kills Poultry Lice

The simplest way known to kill poultry lice. All you need to do is paint it on your roosts shortly before the fowls go in for the night. The heat from their bodies causes a slow release of fumes which penetrate the feathers and kill all lice and feather mites without discomfort to your fowls.

Black Leaf 40 does away with the need for individual handling. It does not interfere with egg production and it kills feather mites, as well as lice.

Apply one ounce to 12 or 15 running feet of roost or one pound to 200 feet of roost.

Black Leaf 40 is a poison and must be sent by express or freight. It is not accepted by the post office.

Postpaid Prices

Size		Size	
1 oz.	$ .35	2 lbs.	$3.10
5 oz	1.00	5 lbs.	5.85
1 lb.	2.10	10 lbs.	9.85

B-K Kills Germs and Deodorizes

A million poultry men, rabbit breeders, dairymen and farmers use B-K because it is absolutely dependable in helping to prevent the spread of infectious diseases, and because it is so inexpensive to use. They know it is a powerful non-poisonous disinfectant, easy to apply—that has proved its efficacy as a germ killer for 20 years.

You, too, will find it helpful to use B-K to prevent the spread of infectious diseases. Full directions come with every bottle.

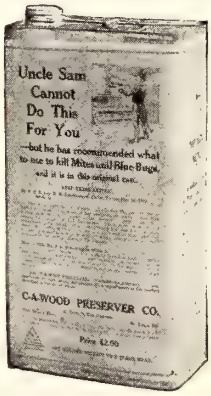
Postpaid prices: 4 oz. 30c; 10 oz. 50c; 1 qt. 90c; 1 gal. $2.00; 5 gal. $8.50.

B-K Powder

B-K in powder form, reduces the expense of shipping it around the country. It is of course not quite so convenient to use as in the liquid form. Full directions for its use come with each bottle. **9 1-3 oz. bottle, 75c; 1¾-lb. bottle** (makes 3 gallons of 3½ per cent sodium hypochlorite solution), **$1.50 each; postpaid.**

Carbolineum
(C-A WOOD PRESERVER)

Kills Mites and Blue Bugs



The United States Government recommends a high boiled anthracene oil, known as carbolineum, for the extermination of mites and blue bugs. There are many grades of carbolineum offered the public and many of them are not carbolineum at all but simply a creosote oil. The value of carbolineum depends upon the slowness of evaporation and the carbolineum we are offering has the lowest point of evaporation that we are able to get. It evaporates so slowly that one application each year of C-A Wood Preserver will absolutely protect your fowls from mites and blue bugs, providing the application is made according to directions which come on each can. It will pay you to use C-A Wood Preserver one time each year and insure yourself against blood sucking mites and blue bugs. One gallon is sufficient for an 8x12 house.

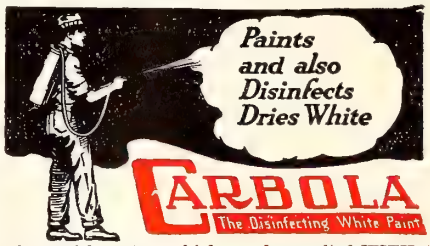
Delivered Prices:

1 Quart	$ 60	1 Gallon	$1.75
½ Gallon	1.00	5 Gallons	7.75

Sodium Fluoride
A POSITIVE LICE CONTROL

This frees poultry from lice when used as a dusting powder or dip. Also protects your home from roaches, flies, ants, etc. Whether this powder is dusted on your flock or the birds are dipped, you will find it will kill all the lice, provided the work is done right.

Size	F. O. B. Dallas
½ lb. can	$ .25
1 lb. can	.35
5 lb. bags	1.25



Made from white mineral pigment, finely ground and combined with a disinfectant twenty times stronger than Carbolic Acid, but neither poisonous nor caustic to man, beast or bird. Kills germs, spiders and insects.

A disinfecting white paint, easily mixed with water, which can be applied WITH A BRUSH or sprayed on. Paints and disinfects, giving a smooth, white, creamy finish. Adheres to any surface and does not blister, flake or peel.

Can also be used in powder form as a dry disinfectant without causing moisture. In this form, it can be used in winter when it is not practical to disinfect livestock building with liquids. When mixed with water, one pound of Carbola is sufficient to cover 100 square feet.

Carbola is the finest thing for every house with a cellar.

Size	Postpaid
5 lb. package	$ .75
25 lb. package	2.85
50 lb. package	5.00

PAR-I-NOX gets LICE and gets them NOW!

This lice destroyer will save many times its small cost in increased egg yield and it will positively demonstrate to your entire satisfaction in fifteen minutes. **LOUSY HENS COST MONEY—DON'T WAIT,** but rid your flocks now of these blood-sucking pests. **PARI-NOX** costs only two cents per hen per year and with this economical lice destroyer you eliminate spraying, dusting and dipping, hours of needless work. Just sift a small amount of **PAR-I-NOX** in the dust wallows, nests, dropping boards, and on the floor and then watch the dead lice start dropping off your hens. **Delivered prices: 12 oz. 25c; 1½ lbs. 50c; 3 lbs. 75c; 6 lbs. $1.00; 25-lb. pails $4.00.**

Double D Flock Wormer
AN EFFECTIVE ECONOMICAL WORMER

which is fed in the drinking water, and gives the entire flock treatment without the labor of handling each bird. This wormer gets the worms, cuts down your feed cost, and enables you to get more eggs. 8 oz. bottle treats 3½ gallons of water. **Delivered prices: 8 oz. 50c; 16 oz. 95c; 1 gal. $3.50.**

Double D Tonic

It is a preventive of roup, colds, white diarrhea, and coccidiosis. Very beneficial to feed baby chicks, economical to use, as hens require it only once a week to keep in tip-top conditions. Be sure to feed this tonic after worming your birds. **Prices delivered: 8 oz. 50c; 16 oz. 95c.**

STERILAC

TRADE-MARK

Kills Germs Deodorizes Disinfects

STERILAC has overcome all disadvantages of other chlorine disinfectants and germicides. It comes in powder form—and you do not have to pay heavy freight charges on water which can be added just as well by you as by anyone else. It may be used in either hot or cold water.

STERILAC is 45 times stronger than carbolic acid as a germicide, yet it can be used without danger of poisoning.

STERILAC is especially effective for colds, roup, chicken pox and infectious bronchitis.

A one-pound bottle of **STERILAC** will make 480 gallons of sufficient strength for most purposes. Each gallon of solution will cost about one cent.

Postpaid prices: 2 oz. bottle 75c; 8 oz. bottle $2.25; 1 lb. $4.00.

For COUGHS, COLDS *and* Simple BRONCHITIS

Use

THE GREAT DOUBLE TREATMENT

Leemulsion and Vapo-Spray

These "twin remedies" have been used with best success for many years by thousands of flock owners. Simply spray Vapo-Spray in the air of the poultry house. Its soothing, germicidal oils, in vapor form, are breathed down through head, throat and wind-pipe. Leemulsion, fed in the mash allays cough and reduces temperature. ONE WORKS FROM THE INSIDE OUT AND THE OTHER WORKS IN FROM THE OUTSIDE. A common sense treatment.

LEEMULSION

12 oz. bottle $1.00; 32 oz. bottle $2.00.

LEE'S VAPO-SPRAY

1 quart can 75c; ½ gallon can $1.25; 1 gallon can $2.00.
Postpaid Prices.

Pickpaste

A Cannibalism Control.

A blood-colored paste, extremely repulsive to a fowl's taste, which thereby teaches birds not to pick at one another. Adheres well to wounds and is highly antiseptic, protecting wounds from dirt. In addition to treating wounded birds, put a few daubs on wings, back or toes of 15 or 20 out of every hundred left in the flock to break this vicious habit.

6 oz. jars, postpaid 60c

Barnes Remedies

BARNES CHICKEN POX REMEDY—An effective remedy for Chicken Pox, used in the drinking water. **175 tablets, 50c; 465 tablets, $1.00; postpaid.**

BARNES COLD REMEDY—Powerful and quick. You should have this on hand for emergency flock treatment at all times. **2-oz. bottle, 50c; 6-oz. bottle, $1.00; 16-oz. bottle, $2.00; postpaid.**

BARNES DIARRHEA REMEDY—Has proven to be exceptionally effective. For use either in water or mash. **Pints, 65c; gallons, $3.00; postpaid.**

BARNES EMBROCATION—This is a remedy to be applied direct in cases of roup, colds, swelled heads, cankers, chicken pox, sore eyes, scaly legs, pick-toe, rump picking and feather pulling. It is a thick fluid, which has proved to be a real boon to those who keep it handy for quick treatments. **2-oz. bottle, 50c; 4-oz. bottle, $1.00; postpaid.**

Walko Poultry Remedy

One of the best known and most generally used diarrhoea remedies on the market. Good for roup and cholera. **Price: Boxes 50c and $1.00; postpaid.**

Cod Liver Oil

For use in the feed. "Bottled Sunshine," high in vitamin content. We have a guaranteed vitamin content of 500 Vitamin A and 250 Vitamin D. This is a splendid bone-builder.

1 gallon, F. O. B. Dallas. Shipping weight, 10 lbs. $1.75
5 gallons, F. O. B. Dallas. Shipping weight, 50 lbs., per gal. ... 1.50
30 gallons, F. O. B. Dallas. Shipping weight, 275 lbs., per gal. .. 1.25

Other Lee Remedies

The Geo. H. Lee Co. issues one of the most instructive books we have ever seen on poultry diseases. A free copy will be sent you gladly on request.

Germozone

A Life Saver for Chicks.

This is one product you should by all means give your baby chicks in their water. Full instructions comes with each package.

Postpaid prices:

4 Oz. Bottle	$ .40
12 Oz. Bottle	.75
32 Oz. Bottle	1.50
1 Gallon Bottle	4.50

Lee's Lice Killer

1 Quart Can	$ .60
½ Gallon Can	.90
1 Gallon Can	1.50

Lee's Dip and Disinfectant

1 Quart Can	$ .60
½ Gallon Can	.90
1 Gallon Can	1.50
5 Gallon Can	6.00

Syringes

Poultry Dosing Syringe	$ .25
Poultry Nasal Syringe	.75

Write for the big new book "Lee Way With Poultry". — A practical textbook on Poultry Diseases, Prevention and Treatment.

GETS ALL 3 KINDS OF WORMS—ROUND, PIN, TAPE.

Most effective against every kind—because it does not depend upon only one drug but has two or more drugs for each kind of worms. And its medicine is carried through to the gizzard in the patented **INSOLUBLE** coating. Safe, and sure of best results.

GIZZARD CAPSULES	Postpaid Chick	Pullet	Adult
50 Capsules	$ .40	$ .50	$ .75
100 Capsules	.75	1.00	1.35
250 Capsules	1.75	2.50	3.00
500 Capsules	3.25	4.50	5.50
1000 Capsules	6.00	8.50	10.50

Sulphur

Another home remedy which is quite effective. A preventive of sorehead and chicken pox and often fed to remove lice. Many patent remedies for the removal of lice and mites are nothing but sulphur and water. We do not recommend this, since it does not destroy the pest and as soon as the remedy is discontinued, the fowl is back in the same condition. Sulphur is good for the prevention of sorehead and chicken pox, however. Feed 2 lbs. to the 100 lbs. of mash.

3 lbs., Postpaid 25c
10 lbs., Postpaid 75c
100 lbs., F. O. B. Dallas $5.00

Tobacco Dust

This is a proven expellent, frequently recommended by State Experiment Stations. It is fed in the mash, 2 lbs. to the 100 lbs. of mash, for three days; then discontinued for three weeks; fed again for three days, discontinued for three weeks and a final three day feeding follows. After each feeding, some epsom salts should be fed for a day to remove the effects of the tobacco dust.

Guaranteed 1% Nicotine. Prices: 3 lbs. 20c; 10 lbs. 65c; 100 lbs. $5.95; F. O. B. Dallas.

Epsom Salts

A home remedy with which everyone is familiar. When tobacco dust is used for worming, salts should be fed afterward. Salts should be kept clean and dry at all times. We recommend that it be fed one pound to 125 fowls over six months old; one pound to 150 fowls from five to six months old; one pound to 300 fowls three to five months old; one pound to 400 fowls two to three months old, and one pound to 500 fowls six to eight weeks old.

3 lbs., Postpaid ..... $ .25
10 lbs., Postpaid ..... .75
100 lbs., F. O. B. Dallas 5.00

Barnes Emulsion

Vitality builder and worm control. Your chicks can be healthy and strong if they are hatched from good stock and brooded carefully, fed carefully and kept free from worms.

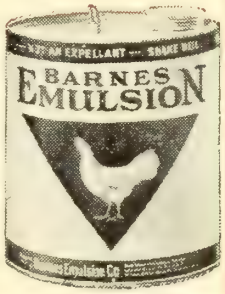
Barnes Emulsion aids digestion and assimilation of food. This means huskier chicks and greater freedom from all bowel troubles.

We recommend feeding Barnes Emulsion to your flock from the day-old chicks through the pullet stage, and continuously as laying hens. Our experience, and that of a number of poultrymen over the state, is that proper handling in this way invariably produces healthier fowls which reach maturity early and result in sound, healthy, high-production hens.

The most usual cause for non-development is malnutrition, due to worm infestation. The worms absorb the nutrients and the bird is slowly starved. It is a well known fact that pullets should be free from worms before being placed in the laying house. It is also a fact that they should not be treated with poisons to free them from round worms. Barnes Emulsion is not a poison. It cannot harm your poultry and will assist assimilation of food nutrients and promote normal development.

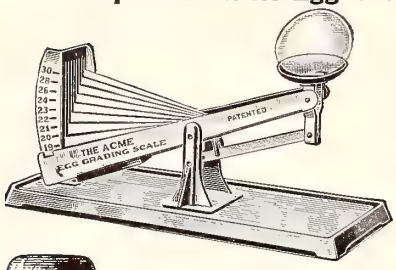
Make a comparative test of Barnes Emulsion, feeding 10 baby chicks Barnes Emulsion the first three weeks of their lives and ten days each month thereafter and feed 10 more baby chicks of the same hatch, all other conditions identical without Barnes Emulsion. We are confident you will be a consistent Barnes Emulsion user from that time forward.

Delivered prices: Qt. $1.00; gal. $3.00; 5 gals. $12.50.



Egg Farm Supplies

Improved Acme Egg-Grading Scales



Graded Eggs Mean More Money

Acme Egg-Grading Scales will accurately grade all eggs ranging from 19 ounces per dozen to 30 ounces per dozen. Made entirely of aluminum. New model much more easily read. Shipping weight, 3 lbs.
Price, each.....$2.35
F. O. B. Dallas.

Egg Stamps

A rubber stamp for guaranteeing eggs. Furnished in standard style for associations, or individual style, with name and address of stamper, and one word additional. Care should be used that too much copy is not furnished.

Egg Stamp — **Specimen of Imprint**

All Prices F. O. B. Dallas

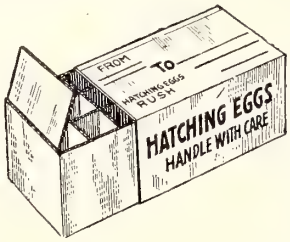
Quantity	Price for Change of Number Only	Quantity	Price for Change of Name Only
	Each		Each
1 to 5	$1.00	1 to 10	$1.00
5 to 10	.90	10 to 20	.95
10 to 20	.80	20 to 30	.92
20 to 25	.70	30 to 35	.90
25 to 50	.65	35 to 50	.89

SELF-INKING PADS

GEM—Size, 2¼x3½. **F. O. B. Dallas**, each.....25c

Superior Hatching Egg Boxes

For Chicken or Turkey Eggs

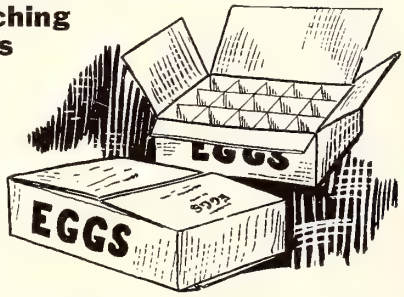


Strong corrugated paper, 175-lb. testboard reinforced by an interlining which thoroughly protects the entire box. An exceptionally heavy and practical box, which can be used for shipping either chicken or turkey eggs. This box is stronger than the standard hatching egg box and is much larger in size.

Size	Dozen, Weight	1 to 9 Dozen, Per Doz.	10 Doz. Per Doz.
15-Egg Size	15 lbs.	$1.75	$1.50
30-Egg Size	23 lbs.	2.50	2.25

Write for prices on larger quantities. Prices, F. O. B. Dallas.

Standard Hatching Egg Boxes



Made of 175-lb. test heavy corrugated board throughout, satisfactory for shipping hatching eggs. Space on lid for address of customer and yours. Especially designed for shipping by parcel post or express, so that there is no danger of chilling or becoming broken enroute. Very easily set up and packed.

Size	Dozen, Weight	1 to 9 Dozen, Per Doz.	10 Doz. Per Doz.
15-Egg Box	11½ lbs.	$1.50	$1.35

Write for prices on larger quantities. Prices, F. O. B. Dallas.

Farmers' Friend Egg Carriers

Well built and durable. Adjustable cover. Complete with fillers and flats. Can be used for shipping eggs by parcel post or express, or for delivering eggs to the stores, hatcheries, etc.

12-Dozen Egg Carrier, complete.....$ .95
6-Dozen Egg Carrier, complete..... .75

Prices, F. O. B. Dallas

Nest Eggs

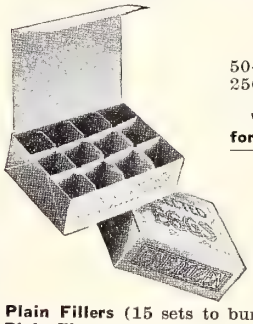
Will not break easily. Weight, per dozen, 2 pounds.
China—Fine grade porcelain. **Each**.....5c
Dozen.....30c
Chalk—Dull finish. **Each**.....5c
Dozen.....35c

Prices F. O. B. Dallas.

Blood Spot Eggs Reduce Your Grade and Displease Your Customers

They can be easily removed with this simple candler. Increases speed of candling and is one of the most practical instruments devised. Comes equipped with lamp. **Each, postpaid**.....$1.25

Eagle Egg Boxes



Weight per 1,000, 100 pounds.
50-250, per 100.....90c
250 and up, per 100.....75c

Prices, F. O. B. Dallas

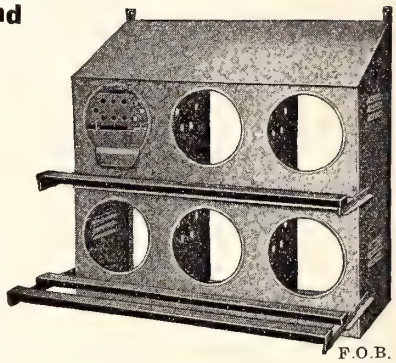
Write for prices on larger quantities, or for special printing on Eagle Egg Boxes.

Egg Case Fillers and Flats

We can furnish either the regular plain fillers and flats or the Mapes, indented flats. All packed separately.

	Shpg. Wt. Bdl.	1 to 9 Bdls.	10 Bdls. or More
Plain Fillers (15 sets to bundle) Per bundle	33 lbs.	$1.35	$1.25
Plain Flats (50 lbs. to the bundle—approximately 11 flats to pound). Per bundle	50 lbs.	1.85	1.75
Mapes Flats (250 to the bundle). Per bundle	20 lbs.	2.25	2.15

Laying Nests and Trap Fronts

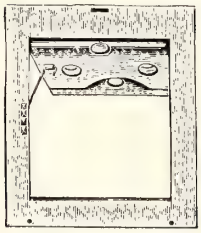


Made of heavy galvanized steel. Rigid floors. Made backless for easy cleaning. Ventilators are provided on both ends of nests and between compartments.

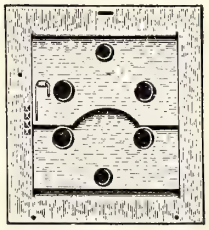
The trap front is of simple trouble-proof construction, automatically locks to prevent other hens from entering until trap is reset. Trap fronts are optional equipment and may be used with this or almost any nest.

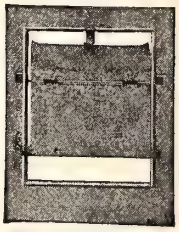
No.	Size	Shpg Wt.	F.O.B. Dallas
J5-1	6 Section Nest—without fronts	29 lbs.	$6.95
J5-2	10 Section Nest—without fronts	52 lbs.	9.95
J5-3	Trap Fronts (6 to Carton)	6 lbs.	.30

Trap Nest Fronts



No. 63 Trap Nest Front





No. F59

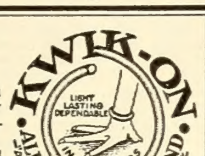
No.F-59—(12 in box.) To be attached to an ordinary wood box, or any other kind of nest. Opening, 9x10½ inches. Front is 12½x15½ over all. Plenty of ventilation. Shipping weight, 20 lbs. dozen.
Each, F. O. B. Dallas.....25c

No. 63—Easily fitted to any orange or ordinary wood box or coop and gives the breeder the opportunity to use a size nest best adaptable to his birds, with uniform automatic trap feature. Effectively traps the hen, yet allows ample ventilation. Easy to remove hen or clean the nest. 11 inches wide by 12 inches high. Size of opening, 8 inches by 9 inches. Packed 12 in box. Weight, per dozen, 16 lbs.
Each, F. O. B. Dallas.....50c

Band Your Flocks - Keep Records - KNOW what You are Doing

The Newest Leg Band

KWIK-ON Aluminum Leg Band



These bands are made of aluminum in six colors: red, green, blue, orange, yellow and black. They are light in weight, extremely easy to put on and very durable.

These bands are tough—not brittle—and with any reasonable care they will last indefinitely and they will not come off. They are packed 100 of one color in a box.

DELIVERED PRICES

Size	25	50	100	500	1000
4	.15	.25	.35	1.45	2.50
6	.20	.30	.50	2.00	3.50
8	.20	.30	.50	2.20	3.80
9	.20	.30	.55	2.30	4.00
10	.25	.35	.60	2.30	4.00
11	.25	.35	.65	2.50	4.50
12	.25	.40	.75	3.00	5.50

Colored Leg Bands

Made of celluloid, in fast colors. Keep their shape. Light in weight and very durable. Quickly put on or removed. Put up regularly 50 bands of a size and color in a bundle. Colors: White, black, red, green, blue and yellow. **Postpaid prices.**

No.	For	Size	25	50	100	500	1000
4	Baby Chicks	¼ in.	$ .15	$ .20	$ .35	$1.45	$2.40
5	Pigeons	5/16 in.	.15	.20	.35	1.50	2.50
6	Growing Chicks	⅜ in.	.15	.25	.45	2.00	3.50
8	Leghorns and Anconas	½ in.	.20	.30	.55	2.20	3.80
9	Large Leghorns	9/16 in.	.20	.30	.55	2.25	4.00
10	Rocks and Reds	⅝ in.	.25	.35	.60	2.40	4.40
12	Orpingtons, etc.	¾ in.	.25	.40	.70	3.00	5.50
14	Turkey Hens	⅞ in.	.30	.55	1.00	4.00	7.50
16	Turkey Toms	1 in.	.40	.75	1.40	5.50	10.00

Bandettes

Made in 4 colors: Blue, red, yellow, green. Three sizes: No. 4 for baby chicks, No. 9 for Leghorns, and No. 11 for Rocks, Reds, etc.

Sold only in unbroken sets of 25 in one color; 1-25, 26-50, and so on. Numbers to 200 in yellow and green; 600 in red and blue. Special orders above those numbers.

POSTPAID PRICES:

No.	25	50	100	500	1000
4	$ .40	$ .70	$1.25	$5.35	$10.00
9	.60	1.00	1.80	8.50	16.50
11	.60	1.00	1.80	8.50	16.50

Victor Show Bands

Made of aluminum with celluloid number plates, adjustable to fit any size leg. 4 colors: Red, blue, green, yellow. Numbered 1 to 200. **Postpaid prices.**

Boxes of 12....$ .40 Boxes of 50....$1.45
Boxes of 25.... .75 Boxes of 100... 2.75

Reliable Show Bands

Made of aluminum with celluloid plates. Adjustable. Same colors as Victor. Numbered 1 to 100.

	Postpaid
Box of 12	$ .25
Box of 25	.50
Box of 50	.95
Box of 100	1.75

Aluminum Leg Bands

No. 130
POSTPAID PRICES

Made of sheet aluminum with large raised numbers, easy to read. Adjustable for any size fowl. Numbered 1 to 4,999, as wanted. Come 100 to box in numbers above 100. Do not break boxes.

12 bands	$ .15	100 bands	$ .65
25 bands	.25	500 bands	2.65
50 bands	.40	1000 bands	4.75

Wing Bands

Numbered or unnumbered, packed 100 to the package, no packages broken. Numbered 1-100; 101-200, etc.

½ inch in diameter.	100	500	1000
Sealed Wing Bands, Numbered	$1.00	$4.00	$7.00
Sealed Wing Bands, Unnumbered	.95	3.75	6.50
Double End Clinch, Numbered	.60	2.40	4.60
Double End Clinch, Unnumbered	.55	2.15	4.10

Postpaid Prices

Pigeon Bands

Colored celluloid with aluminum back; ½ inch wide. Double numbers on Red, Blue, Green, or Yellow; secure tongue and slot fastener. Come 25 to the set, 2 sets to pair.

	25 pairs	50 pairs	250 pairs
Postpaid Prices	$ .65	$1.25	$6.00

Farmers Caponizing Set

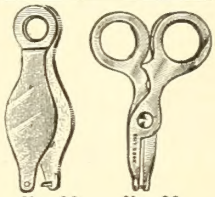
A simple, easy set of caponizing instruments which has proven thoroughly practical. With each set of instruments you will receive a book containing instructions for caponizing and care of capons. Shipping weight, 1 lb.

Price per set, postpaid....$3.50

Poultry Punches

No. 38—PETTY'S—A popular and practical punch for marking baby chicks. Punches a clean hole and will not bruise foot. Shipping weight, 3 ounces.
Each, postpaid.....15c

No. 39—IDEAL PUNCH—Improved scissors type. Works easily, cuts clean and does not pinch foot. Length, 3½ inches. Shipping weight, 3 ounces.
Each, postpaid.....35c

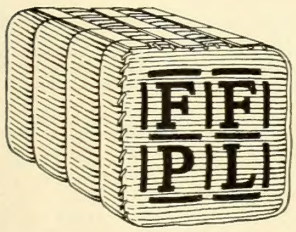


No. 38 No. 39

Magnolia Fibre-Free Poultry Litter

This litter promotes exercise, cleanliness, and helps control the temperature and humidity of the poultry house.

Our Litter is selected from the highest grade of peat. It is dug from the central beds of the peat deposit belt in Europe. After drying in the sun for 12 to 15 months, practically all fibre is removed and it is ground and graded over screens. The portions best suited for litter are put up into well compressed bales. When opened and broken up, this moss increases greatly in volume and one bale is sufficient to cover a floor area of at least 80 square feet, three inches deep.



Here are some of the reasons why Magnolia Fibre-Free Poultry Litter is demanded:

1. **It Is a Labor Saver.** It lasts for months.
2. **It Prevents Dampness,** because of its great absorbing power. It will absorb several times its own weight in water.
3. **It Is Sanitary.** Laboratory tests have shown it to be remarkably free from bacterial and parasitic life.
4. **It Prevents the Spread of Disease** by keeping the house dry and clean.
5. **It Absorbs Offensive Odors,** keeping the atmosphere of the house clean and pleasant.
6. **It Keeps the House Warmer In Winter** by acting as an insulator. It keeps the birds off the cold, damp floor.
7. **It Is Economical.** Though the original cost may be slightly higher, it outlasts other litter two or three times, and saves the labor of handling.
8. **It Provides a Light, Springy Mat for the Birds.** Heavy birds do not injure themselves when alighting, thereby reducing bumble feet and lameness.
9. **It Prevents Fire,** because it contains practically no fibre. It takes an intense heat even to make Magnolia Fibre-Free Poultry Litter smoulder, and it will never blaze.
10. **It Makes a Valuable Fertilizer.** Not only does it preserve the plant-food value of the droppings, but the organic matter in peat moss itself is highly beneficial to the soil.

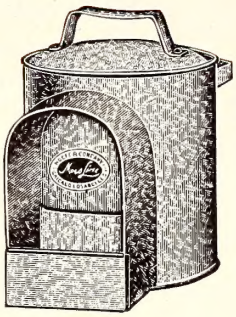
Magnolia Fibre-Free Litter, because it is free of fibre, absorbs better, can be used longer, is practically fire-proof and makes a splendid fertilizer.

Per bale of approximately 20 to 22 bu.....$3.00
Small bales, approximately 10 to 11 bu..... 1.75

F. O. B. Dallas.

Pigeon Fountain

ABSOLUTELY SANITARY



A fountain which protects the water from droppings and also from the frequent bathing done by pigeons. Keeps out dirt and rubbish. The cover lifts off and the fountain can be kept absolutely clean and sanitary at all times.

This fountain is made of prime galvanized steel and comes in either 1 or 2 gallon capacity. It is a good, practical fountain and very popular with pigeon raisers.

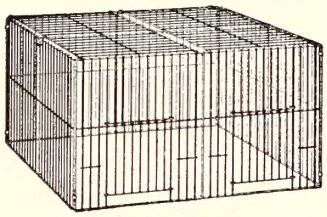
No.	Capacity	Shipping Weight	F. O. B. Dallas Each
98	1 Gallon	4 lbs.	$ .50
99	2 Gallon	6 lbs.	.75

Pigeon Feeder

Special attention is directed to the growing chick outdoor feeder listed on page 57, which has proven to be an especially suitable pigeon feeder because of its protection from rain. Every pigeon raiser to whom this feeder has been shown has been enthusiastic about it, and those who try it out, equip their entire lot with this type.

Exhibition Coops

The kind that show your birds to the best advantage. Made from best galvanized steel wire. Each of the wire sections has a frame electrically butt welded at the joint, making it a continuous piece. Cross wires are electrically welded to the frame.



Exhibition Coops.

SINGLE—Size, 22x22x27 inches; weight, 12 lbs... $1.85

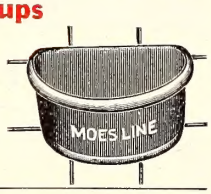
DOUBLE—Size, 48x24x27 inches; weight, 20 lbs.... 2.95

TURKEY—Size, 36x36x36 inches: weight, 30 lbs.... 4.50

PARTITIONS—Weight, 3 pounds ..... .45

(Prices F. O. B. Dallas)

Feed and Water Cups



A practical, convenient and durable cup for exhibition coops. Drawn from one piece of heavy terne plate, a rust-resisting metal. No seams or solder. Dimensions, 4½ in. long, 3 in. wide and 2 in. deep. Capacity, about ½ pint. Packed 6 dozen in a carton. Shipping weight, 17 lbs. per carton.

No. 61—Exhibition Cups. Each, F. O. B. Dallas 10c

Oat Sprouters

Help Keep Up Winter Egg Production.

The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small space.

The best results are obtained if the sprouter is placed in a cellar near the furnace or in a room with a temperature of 65 to 70 degrees. Use good oats and soak them in water for about 12 hours, then fill the trays to a depth of about 1 inch. Sprinkle and stir with a paddle EACH DAY until they sprout. Then discontinue stirring, but continue to sprinkle daily.

No lamp or heater required. Total height of frame, 3 feet. Size of pans, 16 inches by 18 inches. Packed knocked down, one in crate.

No. 110—Oat Sprouter. Each, F. O. B. Dallas.....$4.50

Grit, Oyster Shell and Charcoal

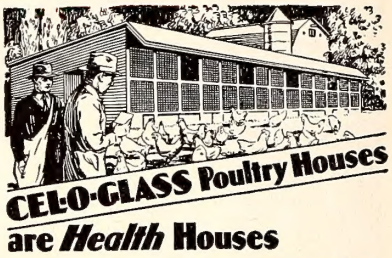
Laying hens need about three times as much lime and mineral matter as is furnished in grain and meat food. If this is not supplied there will be fewer eggs or soft-shelled eggs. Grit is the hen's teeth; oyster shell helps furnish lime for egg shells; charcoal is an absorber of gas. It aids digestion, sweetens the digestive tract and helps keep the bowels in good condition.

	10 Lbs.	50 Lbs.	100 Lbs.
GRIT (Designate fine or coarse).....	$ .20	$ .75	$1.35
OYSTER SHELL (Fine or coarse).....	.20	.75	1.35
CHARCOAL (Fine or coarse).....	.40	1.75	3.00

Prices F. O. B. Dallas

Get Winter Profits from High Priced Eggs

USE CEL-O-GLASS



Don't let your egg production drop way down when the weather gets cold. Use CEL-O-GLASS, and instead of fewer eggs, you'll have stronger, healthier hens that keep on producing just when egg prices are highest.

CEL-O-GLASS is the only window material with a wire mesh base with published scientific proof that it increases egg production. Back of CEL-O-GLASS is an 8-year record of performance on farms from coast to coast. Many experiment stations have proved the value of CEL-O-GLASS. Use CEL-O-GLASS and you not only increase egg production, you practically eliminate thin-shelled eggs.

CEL-O-GLASS also keeps houses warmer, and pays for itself over and over again. Moreover, properly installed CEL-O-GLASS will last for years.

Other Uses for CEL-O-GLASS

CEL-O-GLASS in brooder houses prevents chick mortality, raises healthy chicks—in hog houses prevents weak legs. Good for dairy barns, cold frames, hot beds, back porches, storm windows, storm doors, and sleeping porches. It lets in the sunlight and keeps out the cold.

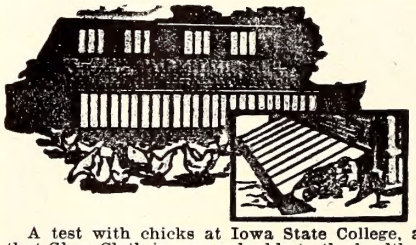
Write for free CEL-O-GLASS blueprints. Valuable whether you plan to build, remodel or install in present buildings.

F.O.B. Dallas

Rolls, 100 ft. long by 3 ft. wide (300 square feet), 42 lbs. $40.50
Per sq. yd.—3 linear feet by 3 ft. wide..... 1.35

Glass Cloth

An Economical and Practical Substitute for Glass For Use in Doors and Windows.



Chicks thrive amazingly under glass cloth. They get the ultra-violet sun rays and grow faster and healthier, feathering out into plump frying size several weeks earlier than when kept under glass.

A test with chicks at Iowa State College, at Ames, Iowa, proved that Glass Cloth is very valuable to the health of baby chicks. Of an equal number of chicks placed under glass and under glass cloth, 25 per cent of the chicks under glass died, while all under Glass Cloth lived. The 75 per cent that lived under glass gained only 180 per cent on their original weight, while those under Glass Cloth gained 250 per cent.

IDEAL FOR HOTBEDS

Light, strong and cheap. Glass Cloth is the ideal material for hotbeds and coldframes. Glass Cloth holds in the warmth and does not chill as quickly as window glass. Tender young plants need ultra-violet light, just as baby chicks do. Glass Cloth lets these rays through and as a result, you grow stronger, hardier plants that will not be nearly so likely to burn up in the sun when you set them out.

F. O. B. Dallas Prices

1 Yard (9 sq. feet). 3 ft. long, 36 in. wide. Per yard.....30c
10 Yards (90 sq. feet). 30 ft. long, 36 in. wide. Per roll... $2,80
15 Yards (135 sq. feet). 45 ft. long, 36 in. wide. Per roll... 4.10
50 Yards (450 sq. feet). 150 ft. long, 36 in. wide. Per roll....12.50

Crystol Fabric

There are a number of substitutes for Glass Cloth on the market, but we find them from 35% to 70% less durable than this high grade product. The manufacturers of Glass Cloth, however, realizing that some people might want a cheaper fabric, have manufactured their Crystol Fabric to meet the demand for a lighter weight, less expensive cloth.

We recommend Crystol Fabric where a light weight fabric is desired to use for just a short time. Glass Cloth will outlast Crystol Fabric four times the normal life of Crystol Fabric; yet if you do not need long life, there is no advantage in paying for it. **36 in. wide.**

NOTE THESE PRICES

1 Yard (9 sq. feet)..... 20c
10 Yards (90 sq. feet)....$1.90
15 Yards (135 sq. feet)...$2.70
50 Yards (450 sq. feet)... 8.50

F. O. B. Dallas

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HOW TO ORDER

Sending Money: If your order amounts to more than 50c, send Postoffice or Express money order, cashier or certified check. If you send money with your order, your letter must be **REGISTERED**, as we will not assume responsibility if it is lost. Numbers of orders and letters, with money in them, are lost in ordinary mail yearly, and for that reason all letters and orders containing money should be sent by registered mail.

Stamps: On orders for seeds and supplies, where the amount is less than 50c, we will accept U. S. postage stamps in good condition, the same as cash, but it would be best to wrap them in oiled paper to prevent their sticking to the order. We will not assume any responsibility for their receipt and suggest you **REGISTER** your letter if you send stamps.

C. O. D. Notice: We will absolutely ship no plants or perishable goods C. O. D. We advise against C. O. D. shipments because of delays and high collection costs to our customers. We accept C. O. D. orders for seeds and supplies where 25 per cent of the amount of the order is sent with the order. This deposit covers collection and return charges in case the order is not called for and paid by the customer.

About Warranty: NO RESPONSIBLE SEEDSMAN GIVES ANY WARRANTY. Crops are dependent for success or failure on so many things beside the seed, that it is impossible for us to give any guarantee or warranty. We have no control over the seed after they leave our house—as to planting, fertilizing, cultivation and other important factors governing the success of the crop. Therefore, no warranty as to productiveness or any other matter of seeds, bulbs, plants, or nursery stock is implied or expressed. If purchaser does not accept the goods on these terms, they are to be returned at once and purchase money will be refunded.

We Pay Postage on all seeds and supplies listed in this catalog and marked "Prepaid."

You Pay Transportation Charges when your order calls for any seed or supplies that are marked **"Not prepaid,"** or **"F. O. B. Dallas."** If your order is to be shipped parcel post, it will be necessary for you to send postage covering it as we do not send orders C. O. D. for postage, unless instructed to do so, since collection charges are very high. When postage is not sent, our shipping department cuts down the amount of merchandise ordered, to care for postage, or your order is delayed until we can write you. When your order is to come by express or freight, we can send it collect for transportation charges and you may pay such charges on delivery.

HOW TO FIGURE POSTAGE

Do not send stamps, but just add the amount for postage to the cost of the merchandise and include it in your remittance. We will return any money left over if you send too much.

If the total weight of the goods you are ordering is a fraction over a pound it will add a pound to the rate. Packages up to 8 ounces in weight are carried at the rate of 1½ cents for each 2 ounces or fraction thereof, regardless of distance. For rates on packages over 8 ounces, see table below.

Within zones 1, 2 and 3, packages up to 70 pounds in weight are carried. The weight limit for all other zones is 50 pounds.

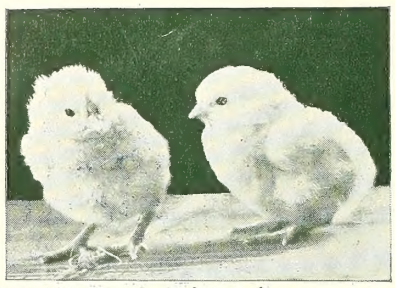
Explosives, Inflammable Articles, Poisons, and Articles measuring more than 84 inches, length and girth combined, cannot be shipped by parcel post, according to the United States postoffice rulings.

PARCEL POST RATES

	ZONES 1 and 2—Not over 150 miles from us.	ZONE 3—151 to 300 miles from us.	ZONE 4—301 to 600 miles from us.	ZONE 5—601 to 1000 miles from us.	ZONE 6—1001 to 1400 miles from us.	ZONE 7—1401 to 1800 miles from us.	ZONE 8—1801 miles and over from us.
For weights over 8 oz. up to 1 pound the postage is	8 Cents	9 Cents	10 Cents	11 Cents	12 Cents	14 Cents	15 Cents
For each additional pound or fraction of a pound add	1.1 Cent	2 Cents	4 Cents	6 Cents	7 Cents	9 Cents	11 Cents

EXAMPLE—Your shipment weighs 8 pounds 5 ounces. You must figure postage on 9 pounds. In the first or second zone from us your first pound costs 8c and the 8 additional pounds cost 1.1c each, or a total of 17 cents for the 9 pounds. If you live in the third zone, send 9 cents for the first pound and 2 cents each for additional pounds or 25 cents, etc.

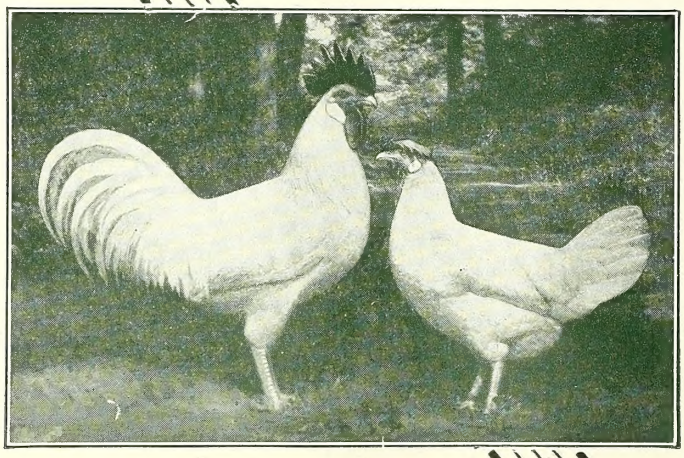
Texas Printing House—Horticultural Dept.—Dallas

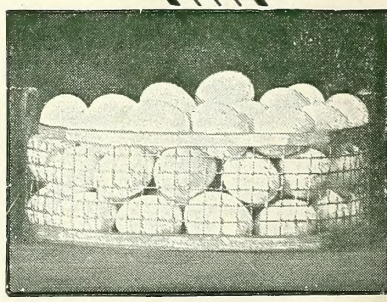


Whether . . .

THE CHICK,
THE HEN, OR
THE EGG, IS

Most Important to You...



Buy Your Equipment and Supplies from—

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